

GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service

Authorized Federal Supply Schedule FSS Price List

On-line access to contract ordering information, terms and conditions, pricing, and the option to create an electronic delivery order are available through GSA Advantage!®. The website for GSA Advantage!® is: <https://www.GSAAdvantage.gov>.

**Multiple Award Schedule (MAS)**

Large Category: Information Technology; Professional Services

PSC Codes: DA01, DB10, R408

Contract Number: GS-35F-013DA

Contract Period – October 6, 2020, through October 5, 2025

Current as of Modification: PA-043 dated May 4, 2023

**Index Analytics LLC**

7265 Windsor Blvd., Suite 106

Windsor Mill, MD 21244

703-401-3459

[www.index-analytics.com](http://www.index-analytics.com)

Contract Administrator:

Raghu Akkapeddi

703-401-3459

rakkapeddi@index-analytics.com

**SBA 8(a) Certified Small Business, HUBZone, Small Business**

For more information on ordering go to the following website: <https://www.gsa.gov/schedules>.

1a. Awarded Special Item Numbers (SINs):

SIN	SIN Title	Descriptions	Prices
541611	Management and Financial Consulting, Acquisition and Grants Management Support, and Business Program and Project Management Services	See pages 8 - 17	See pages 4 - 5
54151S	IT Professional Services	See pages 17 - 26	See pages 5 - 6
54151HEAL	Health IT Services	See pages 26 - 35	See pages 6 - 7
54151	Software Maintenance Services	See pages 35 - 36	See page 7
OLM	Order Level Materials	N/A	N/A

1b. Lowest Price Service: See Price List below beginning on page 4

1c. Description of Labor Categories: See Price List below beginning on page 8

2. Maximum Order: 54151S, 54151HEAL, and 54151: \$500,000; 541611: \$1,000,000

3. Minimum Order: \$100

4. Geographic Coverage: 48 Contiguous States and DC

5. Point(s) of Production: Windsor Mill, MD

6. Discount from List Prices: Prices shown are NET prices; Basic Discounts have been deducted.

7. Quantity Discount: N/A

8. Prompt Payment Terms: Net 30. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions

9. Foreign Items: None

10a. Time of delivery: Negotiated at the task order level

10b. Expedited delivery: Negotiated at the task order level. Items available for expedited delivery are noted in this price list.

10c. Overnight and 2-day delivery: Negotiated at the task order level

10d. Urgent Requirements: Negotiated at the task order level. Ordering agencies can request

accelerated delivery for urgent requirements.

11. F.O.B. point(s): Destination
- 12a. Ordering address(es):  
7265 Windsor Blvd., Suite 106  
Windsor Mill MD 21244
- 12b. Ordering procedures –  
EDI Raghu Akkapeddi  
7265 Windsor Blvd., Suite 106  
Windsor Mill, MD 21244
13. Payment address(es):  
7265 Windsor Blvd., Suite 106  
Windsor Mill, MD 21244
14. Warranty Provision: Standard Commercial Warranty
15. Export Packing Charges: N/A
16. Terms and conditions of rental, maintenance, and repair: N/A
17. Terms and conditions of installation: N/A
- 18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices: N/A
- 18b. Terms and conditions for any other services: N/A
19. List of service and distribution points: N/A
20. List of participating dealers: N/A
21. Preventative maintenance: N/A
- 22a. Special attributes such as environmental attributes: N/A
- 22b. Section 508: Section 508 compliance information is available for the information and communications technology (ICT) products and services offered. ICT accessibility standards can be found at <https://www.section508.gov/>. Please contact [contracts@index-analytics.com](mailto:contracts@index-analytics.com) for more specific information.
23. Unique Entity Identifier (UEI) – QYFPCDC4JMC5

24. Notification regarding registration in System for Award Management (SAM) database:  
Index Analytics LLC is registered in SAM under CAGE Code 6UAF0 with an Expiration Date of  
November 2, 2023.

**Index Analytics LLC**

**GSA MAS**

**Labor Category Rates Inclusive of GSA IFF of 0.75%**

<b>SIN</b>	<b>Labor Category</b>	<b>Year 6</b> 10/6/20 – 10/5/21	<b>Year 7</b> 10/6/21 – 10/5/22	<b>Year 8</b> 10/6/22 - 5/3/23	<b>Year 8</b> 5/4/23 - 10/5/23	<b>Year 9</b> 10/6/23 – 10/5/24	<b>Year 10</b> 10/6/24 – 10/5/25
541611	Business Analyst II	N/A	N/A	N/A	\$100.71	\$103.74	\$106.85
541611	Data Architect III	N/A	N/A	N/A	\$134.95	\$139.00	\$143.17
541611	Data Architect IV	N/A	N/A	N/A	\$157.99	\$162.72	\$167.61
541611	Data Modeler	N/A	N/A	N/A	\$218.39	\$224.95	\$231.70
541611	Data Visualization II	N/A	N/A	N/A	\$137.79	\$141.92	\$146.19
541611	Data Visualization IV	N/A	N/A	N/A	\$176.65	\$181.95	\$187.42
541611	ETL Developer	N/A	N/A	N/A	\$105.99	\$109.17	\$112.44
541611	Help Desk II	N/A	N/A	N/A	\$75.61	\$77.87	\$80.21
541611	Mid-Level Developer II	N/A	N/A	N/A	\$100.68	\$103.71	\$106.82
541611	Mid-Level Technical Lead III	N/A	N/A	N/A	\$169.61	\$174.69	\$179.93
541611	MS Statistician	N/A	N/A	N/A	\$195.00	\$200.85	\$206.87
541611	MSTR Architect IV	N/A	N/A	N/A	\$148.64	\$153.10	\$157.69
541611	MSTR Developer III	N/A	N/A	N/A	\$117.88	\$121.41	\$125.06
541611	PhD Statistician	N/A	N/A	N/A	\$287.07	\$295.69	\$304.55
541611	Program Director II	N/A	N/A	N/A	\$178.72	\$184.09	\$189.61
541611	Program Manager I	N/A	N/A	N/A	\$142.58	\$146.86	\$151.26
541611	Project Coordinator	N/A	N/A	N/A	\$63.61	\$65.52	\$67.49
541611	Security Analyst II	N/A	N/A	N/A	\$90.40	\$93.12	\$95.91
541611	Senior Developer II	N/A	N/A	N/A	\$119.92	\$123.52	\$127.22
541611	Senior Technical Lead III	N/A	N/A	N/A	\$180.54	\$185.95	\$191.54
541611	BA/Scrum Master	N/A	N/A	N/A	\$112.48	\$115.86	\$119.34
541611	Subject Matter Expert I	N/A	N/A	N/A	\$148.96	\$153.43	\$158.04
541611	Subject Matter Expert II	N/A	N/A	N/A	\$178.72	\$184.09	\$189.61
541611	Task Manager II	N/A	N/A	N/A	\$139.74	\$143.93	\$148.25
541611	Tester II	N/A	N/A	N/A	\$86.13	\$88.72	\$91.38
541611	Big Data Architect IV	N/A	N/A	N/A	\$174.72	\$179.96	\$185.36
541611	Business Analyst III	N/A	N/A	N/A	\$118.38	\$121.93	\$125.59
541611	Data Analyst V	N/A	N/A	N/A	\$151.12	\$155.66	\$160.32
541611	Data SME V	N/A	N/A	N/A	\$188.88	\$194.55	\$200.38
541611	Data Visualization Developer II	N/A	N/A	N/A	\$145.02	\$149.37	\$153.85

SIN	Labor Category	Year 6 10/6/20 – 10/5/21	Year 7 10/6/21 – 10/5/22	Year 8 10/6/22 - 5/3/23	Year 8 5/4/23 - 10/5/23	Year 9 10/6/23 – 10/5/24	Year 10 10/6/24 – 10/5/25
541611	Data Visualization Developer IV	N/A	N/A	N/A	\$185.92	\$191.50	\$197.24
541611	Functional Analyst I	N/A	N/A	N/A	\$66.95	\$68.96	\$71.02
541611	MicroStrategy Developer IV	N/A	N/A	N/A	\$152.71	\$157.29	\$162.01
541611	MicroStrategy/Business Intelligence (BI) Developer III	N/A	N/A	N/A	\$124.05	\$127.78	\$131.61
541611	Mid-Level Consultant II	N/A	N/A	N/A	\$108.10	\$111.35	\$114.69
541611	Portal Administrator II	N/A	N/A	N/A	\$98.19	\$101.14	\$104.17
541611	Reporting Analyst	N/A	N/A	N/A	\$122.73	\$126.42	\$130.21
541611	SAS Developer II	N/A	N/A	N/A	\$102.19	\$105.26	\$108.41
541611	Senior Consultant II	N/A	N/A	N/A	\$127.47	\$131.29	\$135.23
541611	Systems Analyst	N/A	N/A	N/A	\$105.99	\$109.17	\$112.44
541611	BI Architect IV	N/A	N/A	N/A	\$173.19	\$178.39	\$183.74
541611	Project Manager	N/A	N/A	N/A	\$150.05	\$154.55	\$159.18
54151S	Data Architect III	N/A	N/A	N/A	\$134.95	\$139.00	\$143.17
54151S	Data Architect IV	N/A	N/A	N/A	\$157.99	\$162.72	\$167.61
54151S	Data Modeler	N/A	N/A	N/A	\$218.39	\$224.95	\$231.70
54151S	Data Visualization II	N/A	N/A	N/A	\$137.79	\$141.92	\$146.19
54151S	Data Visualization IV	N/A	N/A	N/A	\$176.65	\$181.95	\$187.42
54151S	Help Desk II	N/A	N/A	N/A	\$75.61	\$77.87	\$80.21
54151S	Mid-Level Developer II	N/A	N/A	N/A	\$100.68	\$103.71	\$106.82
54151S	Mid-Level Technical Lead III	N/A	N/A	N/A	\$169.61	\$174.69	\$179.93
54151S	MS Statistician	N/A	N/A	N/A	\$195.00	\$200.85	\$206.87
54151S	MSTR Architect IV	N/A	N/A	N/A	\$148.64	\$153.10	\$157.69
54151S	MSTR Developer III	N/A	N/A	N/A	\$117.88	\$121.41	\$125.06
54151S	PhD Statistician	N/A	N/A	N/A	\$287.07	\$295.69	\$304.55
54151S	Program Director II	N/A	N/A	N/A	\$178.72	\$184.09	\$189.61
54151S	Program Manager I	N/A	N/A	N/A	\$142.58	\$146.86	\$151.26
54151S	Project Coordinator	N/A	N/A	N/A	\$63.61	\$65.52	\$67.49
54151S	Security Analyst II	N/A	N/A	N/A	\$90.40	\$93.12	\$95.91
54151S	Senior Developer II	N/A	N/A	N/A	\$119.92	\$123.52	\$127.22
54151S	Senior Technical Lead III	N/A	N/A	N/A	\$180.54	\$185.95	\$191.54
54151S	BA/Scrum Master	N/A	N/A	N/A	\$112.48	\$115.86	\$119.34
54151S	Subject Matter Expert I	N/A	N/A	N/A	\$148.96	\$153.43	\$158.04

SIN	Labor Category	Year 6 10/6/20 – 10/5/21	Year 7 10/6/21 – 10/5/22	Year 8 10/6/22 – 5/3/23	Year 8 5/4/23 – 10/5/23	Year 9 10/6/23 – 10/5/24	Year 10 10/6/24 – 10/5/25
54151S	Subject Matter Expert II	N/A	N/A	N/A	\$178.72	\$184.09	\$189.61
54151S	Task Manager II	N/A	N/A	N/A	\$139.74	\$143.93	\$148.25
54151S	Tester II	N/A	N/A	N/A	\$86.13	\$88.72	\$91.38
54151S	Project Manager	\$142.90	\$147.18	\$151.60	\$150.05	\$152.33	\$154.64
54151S	Systems Analyst	\$100.94	\$103.96	\$107.08	\$105.99	\$107.60	\$109.23
54151S	Mid-Level Consultant II	\$102.95	\$106.04	\$109.22	\$108.10	\$109.74	\$111.41
54151S	Senior Consultant II	\$121.39	\$125.04	\$128.79	\$127.47	\$129.41	\$131.37
54151S	Functional Analyst I	\$63.75	\$65.66	\$67.63	\$66.94	\$67.96	\$68.99
54151S	Reporting Analyst	\$116.88	\$120.38	\$124.00	\$122.73	\$124.59	\$126.48
54151S	Expert Business Object (BI) Administrator	\$201.88	\$207.94	\$214.18	\$211.99	\$215.21	\$218.47
54151S	Business Objects (BOBJ) Developer	\$108.37	\$111.63	\$114.97	\$113.80	\$115.53	\$117.28
54151S	ETL Developer	\$100.94	\$103.96	\$107.08	\$105.99	\$107.60	\$109.23
54151S	BI Architect IV	\$164.94	\$169.88	\$174.98	\$173.19	\$175.82	\$178.49
54151S	Portal/Applications Architect IV	\$161.51	\$166.36	\$171.35	\$169.60	\$172.17	\$174.79
54151S	Business Analyst II	\$95.91	\$98.79	\$101.75	\$100.72	\$102.24	\$103.79
54151S	MicroStrategy/Business Intelligence (BI) Developer III	\$118.13	\$121.68	\$125.33	\$124.05	\$125.93	\$127.84
54151S	Portal Administrator II	\$93.51	\$96.31	\$99.20	\$98.19	\$99.68	\$101.19
54151S	Principal Consultant I	\$182.77	\$188.25	\$193.90	\$191.92	\$194.83	\$197.78
54151S	Data Visualization Developer IV	\$177.04	\$182.35	\$187.82	\$185.92	\$188.74	\$191.60
54151S	Data SME V	\$179.88	\$185.28	\$190.84	\$188.88	\$191.74	\$194.65
54151S	Data Visualization Developer II	\$138.10	\$142.25	\$146.51	\$145.02	\$147.22	\$149.45
54151S	Data Analyst V	\$143.91	\$148.23	\$152.68	\$151.12	\$153.42	\$155.74
54151S	MicroStrategy Developer IV	\$145.42	\$149.78	\$154.27	\$152.71	\$155.02	\$157.38
54151S	SAS Developer II	\$97.32	\$100.24	\$103.25	\$102.19	\$103.74	\$105.31
54151S	Business Analyst III	\$112.73	\$116.11	\$119.59	\$118.38	\$120.18	\$122.00
54151S	Big Data Architect IV	\$166.39	\$171.38	\$176.53	\$174.72	\$177.37	\$180.06
54151HEAL	HIT Program Director II	\$174.94	\$180.19	\$185.60	\$183.70	\$186.49	\$189.32
54151HEAL	HIT Program Manager I	\$139.56	\$143.75	\$148.06	\$146.55	\$148.77	\$151.03
54151HEAL	HIT Program Manager II	\$132.58	\$136.56	\$140.65	\$139.22	\$141.33	\$143.48
54151HEAL	HIT Business Analyst	\$101.16	\$104.19	\$107.32	\$106.36	\$107.97	\$109.61
54151HEAL	HIT Data Architect III	\$132.09	\$136.05	\$140.14	\$138.71	\$140.81	\$142.95

SIN	Labor Category	Year 6 10/6/20 – 10/5/21	Year 7 10/6/21 – 10/5/22	Year 8 10/6/22 - 5/3/23	Year 8 5/4/23 - 10/5/23	Year 9 10/6/23 – 10/5/24	Year 10 10/6/24 – 10/5/25
54151HEAL	HIT Data Architect IV	\$154.63	\$159.27	\$164.05	\$162.37	\$164.84	\$167.34
54151HEAL	HIT Help Desk II	\$74.01	\$76.23	\$78.51	\$77.71	\$78.89	\$80.09
54151HEAL	HIT Mid-Level Developer II	\$98.55	\$101.51	\$104.55	\$103.48	\$105.05	\$106.65
54151HEAL	HIT Mid-Level Technical Lead III	\$166.01	\$170.99	\$176.12	\$174.32	\$176.97	\$179.65
54151HEAL	HIT MS Statistician	\$190.87	\$196.59	\$202.49	\$200.42	\$203.46	\$206.55
54151HEAL	HIT PhD Statistician	\$280.99	\$289.42	\$298.10	\$295.06	\$299.54	\$304.08
54151HEAL	HIT Security Analyst II	\$88.49	\$91.15	\$93.88	\$92.92	\$94.33	\$95.76
54151HEAL	HIT Senior Consultant II	\$116.19	\$119.67	\$123.26	\$122.01	\$123.86	\$125.74
54151HEAL	HIT Senior Developer II	\$117.37	\$120.89	\$124.51	\$123.24	\$125.11	\$127.01
54151HEAL	HIT Senior Technical Lead III	\$176.71	\$182.01	\$187.47	\$185.56	\$188.37	\$191.23
54151HEAL	HIT Subject Matter Expert I	\$145.81	\$150.18	\$154.69	\$153.11	\$155.43	\$157.79
54151HEAL	HIT Subject Matter Expert II	\$174.94	\$180.19	\$185.60	\$183.70	\$186.49	\$189.32
54151HEAL	HIT Task Manager II	\$136.77	\$140.87	\$145.10	\$143.62	\$145.80	\$148.01
54151HEAL	HIT Tester II	\$84.30	\$86.83	\$89.44	\$88.52	\$89.87	\$91.23
54151HEAL	HIT Trainer IV	\$190.86	\$196.58	\$202.48	\$200.41	\$203.45	\$206.54
54151HEAL	HIT Sr BA/Scrum Master	\$110.09	\$113.39	\$116.80	\$115.60	\$117.36	\$119.14
54151HEAL	HIT Project Coordinator	\$62.26	\$64.13	\$66.06	\$65.38	\$66.37	\$67.38
54151HEAL	HIT MSTR Developer III	\$115.38	\$118.84	\$122.41	\$121.16	\$123.00	\$124.86
54151HEAL	HIT ETL/SQL Developer III	\$118.56	\$122.11	\$125.78	\$124.49	\$126.38	\$128.30
54151HEAL	HIT Data Visualization IV	\$172.90	\$178.09	\$183.43	\$181.56	\$184.31	\$187.11
54151HEAL	HIT Data SME V	\$175.67	\$180.94	\$186.37	\$184.47	\$187.27	\$190.11
54151HEAL	HIT Data Visualization II	\$134.87	\$138.92	\$143.09	\$141.63	\$143.77	\$145.96
54151HEAL	HIT Data Analyst V	\$140.55	\$144.76	\$149.11	\$147.58	\$149.82	\$152.10
54151HEAL	HIT MSTR Architect IV	\$145.48	\$149.85	\$154.34	\$152.77	\$155.09	\$157.44
54151HEAL	HIT Data Modeler	\$213.77	\$220.18	\$226.79	\$224.47	\$227.88	\$231.34
54151	Software Project Manager	N/A	N/A	\$150.95	\$150.95	\$153.24	\$155.57
54151	Software System Engineer	N/A	N/A	\$106.82	\$106.82	\$108.44	\$110.09
54151	Software Business Analyst	N/A	N/A	\$123.32	\$123.32	\$125.20	\$127.10
54151	Software Programmer	N/A	N/A	\$96.69	\$96.69	\$98.15	\$99.64



**Index Analytics LLC**  
**GSA MAS**  
**Labor Category Descriptions**

**Equivalencies**

- **Education Substituted for Experience:** Each year of education may be substituted for 9 months of relevant experience.
- **Experience Substituted for Formal Minimum Education:** 9 months of additional experience may be substituted for each year of education. In addition, certifications, professional licenses, and vocational training may be substituted for experience or education. The minimum acceptable education is Associates Degree.

**541611 Business Analyst II** Elicits and documents business requirements from project stakeholders. Defines complex business requirements, understands business issues and works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**541611 Data Architect III** Designs and builds relational databases for projects. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Works in a data warehouse environment, which includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Develops data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Reviews object and data models and the metadata repository to structure the data for better management and quicker access.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Data Architect IV** Oversees the design and development of relational databases for projects. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Works in a data warehouse environment, which includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. In depth review & evaluation of technical evaluation Lead Maturity Model evaluation process. Lead the data strategy implementation plan creation.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**541611 Data Modeler** Develops data models to meet the needs of the organization's information systems. Engages the Product Owner and Business Analyst to thoroughly understand the requirements and designs information assets and data models. Maintains data integrity by working to eliminate data redundancy. Educates the team on the best practices surrounding data storage and ensures that the data structures are optimized for efficient data retrieval.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**541611 Data Visualization II** Emphasize user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements. A good understanding of any of the technologies like JavaScript, Java, Flex, Flash, AngularJS, HTML or jQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**541611 Data Visualization IV** Emphasize user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements. Expert level expertise in any of the technologies like JavaScript, Java, Flex, Flash, AngularJS, HTML or jQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**541611 ETL Developer** Develop ETL mappings to extract data from a source data system (databases, files, etc.), transform the data based on business requirements and load the data into a target data system (databases, files, etc.). Support the successful execution of ETL workflows and mappings and fix issues as needed. Conduct performance tuning of the mappings developed to ensure that the data is extracted, transformed and loaded in a reasonable amount of time based on the requirements. Build SQL queries as needed to conduct data analysis and testing.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**541611 Help Desk II** Provides support to end users on a variety of related issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Documents, tracks, and monitors the problem to ensure a timely resolution.

Minimum Education: Associates

Minimum Years of Experience: 4

**541611 Mid-Level Developer II** Resolves problems with software and systems and responds to suggestions for improvements and enhancements. Utilizes programming languages such as Java or other technical

frameworks to develop intuitive user applications. Participates in development of software user manuals. Assists the team leader on managing the tasks on projects.

Minimum Education: Bachelor's

Minimum Years of Experience: 5

**541611 Mid-Level Technical Lead III** Lead a development team for projects. Provide architectural and technical task leadership. Establish a technical vision for developers to follow. Design architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure that the common operating environment is compliant with the Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 MS Statistician** Analyzes and interprets data from various sources. Gathers data and uses established statistical techniques and methods to identify trends and patterns. Develops models, reports, charts, and tables based on established statistical methods.

Minimum Education: Masters

Minimum Years of Experience: 6

**541611 MSTR Architect IV** Participate and lead activities related to the design, structure, and administration of the data and analytics environments. Perform tasks related to the definition of the overall solution architecture, standards and definitions. Demonstrate thorough understanding of how source systems integrate, conduct analysis of requirements in relation to available data, perform assessments of source system data quality, and design of logical and physical data models to meet requirements.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**541611 MSTR Developer III** Develop Business Intelligence (BI) reports using MicroStrategy or similar BI software and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing and deployment) of BI Dashboard and reports. Assist in functional and systems testing of integrated reporting applications, Dashboards and KPIs. Extensive experience with building BI schema and universes is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**541611 PhD Statistician** Analyzes and interprets data from various sources. Compiles reports, charts, and tables based on established statistical methods. Gathers data and uses advanced and sophisticated statistical

techniques and methods to identify trends and patterns. Develops and reviews models, reports, charts, and tables based on established statistical methods and enhances them as needed.

Minimum Education: PhD

Minimum Years of Experience: 8

**541611 Program Director II** Responsible for organizing, directing, and managing all aspects of contract operational support functions involving multiple complex and inter-related project tasks. Provide overall direction of program activities. Manage and maintain contractor interface with the senior levels of the customer's organization. Monitor and review technical and financial reports to show progress of projects to management and customers, organize and assign responsibilities to subordinates, oversee the successful completion of all assigned tasks

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**541611 Program Manager I** Contract strategic & tactical direction, Management oversight of task order delivery, Maintain Sr. Level contractor interface with organization. guides users in the management and execution of federal programs. Manages technical and administrative staff assigned to the program/project. Responsible for program resource management on a day-to-day basis. Interfaces with client contacts to determine requirements and allocate resources. Has an understanding of the federal budget development, management and execution processes.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Project Coordinator** Coordinates all projects and ensures company resources are utilized appropriately. Compiles weekly and monthly project status reports, manages project meetings, and identifies and resolves technical problems. Assists in submitting the necessary paperwork to grant system access and addresses follow-up questions or issues. Coordinates project activities and ensures all project phases are documented appropriately.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**541611 Security Analyst II** Analyzes information security systems and applications and recommends and develops security measures to protect information against unauthorized modification or loss.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**541611 Senior Developer II** Resolves problems with software and systems and responds to suggestions for improvements and enhancements. Utilizes programming languages such as Java or other technical frameworks to develop intuitive user applications. Acts as task leader as needed and manages the tasks on

projects. Participates in the design of software tools and subsystems to support reuse and domain analysis. Reviews the work performed by other junior developers within the team.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Senior Technical Lead III** Lead a development team for projects. Provide architectural and technical leadership. Design architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure that the common operating environment is compliant with the Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action. Provide daily supervision and direction to staff.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**541611 BA/Scrum Master** Coordinates an agile development team, ensures all activities use the principles of the Scrum Framework. Actively identifies and removes impediments in order to ensure that assigned sprints and projects are completed on time. Tracks and reports daily schedules. Demonstrates expertise in eliciting and documenting business requirements from project stakeholders. Defines complex business requirements, translates business requirements into tasks to be performed by technical team members, understands business issues and works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**541611 Subject Matter Expert I** Provide technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on moderately complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply principles, methods and knowledge of the functional area of capability to specific task order requirements, and methods to narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Assist in performance of an "as-is" state assessment and identify areas for further improvement. Assist other senior consultants with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts in the following specialties: information and systems architecture; data analysis, software; lifecycle management, software development methodologies, and modeling and simulation.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Subject Matter Expert II** Provide technical knowledge and expertise to highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and

implementation advice on very complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply principles, methods and knowledge of the functional area of capability to specific task order requirements, and methods to extremely difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Perform an “as-is” state assessment and identify areas for further improvement. Direct other senior consultants with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts in the following specialties: information and systems architecture; data analysis, software; lifecycle management, software development methodologies, and modeling and simulation. Demonstrate exceptional oral and written communication skills.

Minimum Education: Bachelor’s

Minimum Years of Experience: 10

**541611 Task Manager II** Oversees all aspects of the project, leading a team on large projects or a significant segment of large and complex projects. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Provide applications systems analysis and long and short-range plans for application selection, systems development, systems maintenance, and production activities for necessary support resources. Commensurate experience and education for the specific level

Minimum Education: Bachelor’s

Minimum Years of Experience: 8

**541611 Tester II** Provide testing expertise in for the support of user requirements of complex software applications. Participates in all phases of testing and validation activities and engages developers and other analysts with emphasis on analysis of user requirements, test design and test tools selection.

Minimum Education: Bachelor’s

Minimum Years of Experience: 4

**541611 Big Data Architect IV** Work with large and complex data sets and work on developing real-time/near real-time analytics and distributed big data platforms. Hands-on experience or extensive training in Big Data platforms and software like Hadoop, Apache Spark, Cassandra, HBase, HDFS, Map-Reduce, Hive, PIG, MongoDB, Sqoop, Storm or equivalent platforms. Experience with one of the popular Hadoop frameworks such as Cloudera, Hortonworks or IBM is preferred.

Minimum Education: Bachelor’s

Minimum Years of Experience: 8

**541611 Business Analyst III** Demonstrates expertise in eliciting and documenting business requirements from project stakeholders. Defines complex business requirements, translates business requirements into tasks to be performed by technical team members, understands business issues, and works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**541611 Data Analyst V** Expert level understanding in one of the following data analysis areas - SQL scripts, SAS code, Excel macros, Mainframe JCL, ETL code, BTEQ scripts or other similar technologies. Translate business requirements into system specifications and code, compile flow-charts, build logical and physical models and help in developing appropriate system specific documentation

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Data SME V** Demonstrate Subject Matter Expert (SME) level understanding of healthcare data in one of the domains such as claims processing (inpatient, outpatient, Medicare advantage claims etc.) and Medicare beneficiary and provider enrollment and eligibility. Medicare and Medicaid policy expertise or understanding of Affordable Care Act (ACA) is preferred

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Data Visualization Developer II** Emphasis on user experience and create data visualizations , interactive graphics, and intuitive user interfaces and assist in testing of the prototypes. A good understanding of technologies like Javascript, Java, Flex, Flash, AngularJS, HTML or JQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**541611 Data Visualization Developer IV** Emphasis on user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements. Expert level expertise in any of the technologies like Javascript, Java, Flex, Flash, AngularJS, HTML or JQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**541611 Functional Analyst I** Provide customer support services to clients on an email-based helpdesk, making outbound calls, as necessary. Analyze customer business and technical issues. Research and propose solutions, and work with end users to carry out those solutions. Respond to user questions and provide follow-up support within established timeframes and use customer approved template responses.

Minimum Education: Bachelor's

Minimum Years of Experience: 2

**541611 MicroStrategy Developer IV** Expert level skill in developing and architecting Business Intelligence (BI) reports using MicroStrategy or other similar BI tool and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and



deployment) of MicroStrategy schema objects, reports, Dashboards and KPIs. Extensive experience with building and managing BI metadata is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 MicroStrategy/Business Intelligence (BI) Developer III** Develop Business Intelligence (BI) reports using MicroStrategy or similar BI software and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of BI Dashboard and reports. Assist in functional and systems testing of integrated reporting applications, Dashboards and KPIs. Extensive experience with building BI schema and universes is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**541611 Mid-Level Consultant II** Experience in facilitation, training, data collection, data analysis, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information system development methods and practices. Performs data collection from multiple sources to include the web, client databases, and other resources. Utilize programming languages like Java/Salesforce, analytical tools, and methodology to perform data analysis in support of the development of analytical products and applications using Client- Server and 3-Tier architecture.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**541611 Portal Administrator II** Develop and deploy high availability Portal and website architecture solutions. Install, configure, administer, and maintain application servers. Monitor and measure performance of applications and provides recommendations to improve overall user experience. Administer the user groups and deploy and maintain authentication mechanisms like Enterprise LDAP

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**541611 Reporting Analyst** Perform expert level SQL or Excel data manipulation tasks and reporting/data analysis services. Assist with the design, development, and operation of a Relational Database. Familiarity with data visualization tools like Tableau, Qlik, Jasper soft. Provide data quality analysis and strive to enhance data accuracy and quality.

Minimum Education: Bachelor's

Minimum Years of Experience: 6



**541611 SAS Developer II** Develop SAS code like SAS stored processes and macros using specific customer requirements. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of SAS project development. Assist in functional and systems testing of SAS applications.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**541611 Senior Consultant II** Experience in facilitation, training, data collection, data analysis, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information system development methods and practices. Performs data collection from multiple sources to include the web, client databases, and other resources. Utilize programming languages like Java/Salesforce, analytical tools, and methodology to perform data analysis in support of the development of analytical products and applications using Client- Server and 3-Tier architecture. S/he performs enterprise strategic systems planning, enterprise information planning and business area analysis— and performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**541611 Systems Analyst** Translate business requirements into system specifications, compile flow- charts, build logical models and help in developing appropriate system specific documentation. Ability to perform ad hoc data analysis using Mainframe JCL or SQL queries or Excel or other data manipulation tools. Experience in developing ETL mappings using tools like Informatica is helpful.

Minimum Education: Bachelor's

Minimum Years of Experience: 5

**541611 BI Architect IV** Participate and lead activities related to the design, structure, and administration of the data and analytics environments. Perform tasks related to the definition of the overall solution architecture, standards, and definitions. Demonstrate thorough understanding of how source systems integrate, conduct analysis of requirements in relation to available data, perform assessments of source system data quality, and design of logical and physical data models to meet requirements.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**541611 Project Manager** Perform Project Management tasks and act as the central point of contact for all project-wide and event-specific issues. Responsible for the issue resolution and overall project management. Manage and staff projects, create and maintain project schedules, report status and issues, and submit and gain approval for project budgets as needed. Establish regular status meeting times with management and stakeholders.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Data Architect III** Designs and builds relational databases for projects. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Works in a data warehouse environment, which includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Develops data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Reviews object and data models and the metadata repository to structure the data for better management and quicker access.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Data Architect IV** Oversees the design and development of relational databases for projects. Develops strategies for data acquisitions, archive recovery, and implementation of a database. Works in a data warehouse environment, which includes data design, database architecture, metadata and repository creation. Translates business needs into long-term architecture solutions. Defines, designs, and builds dimensional databases. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. In depth review & evaluation of technical evaluation Lead Maturity Model evaluation process. Lead the data strategy implementation plan creation.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Data Modeler** Develops data models to meet the needs of the organization's information systems. Engages the Product Owner and Business Analyst to thoroughly understand the requirements and designs information assets and data models. Maintains data integrity by working to eliminate data redundancy. Educates the team on the best practices surrounding data storage and ensures that the data structures are optimized for efficient data retrieval.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Data Visualization II** Emphasize user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements. A good understanding of any of the technologies like JavaScript, Java, Flex, Flash, AngularJS, HTML or jQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**54151S Data Visualization IV** Emphasize user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements. Expert

level expertise in any of the technologies like JavaScript, Java, Flex, Flash, AngularJS, HTML or jQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S Help Desk II** Provides support to end users on a variety of related issues. Identifies, researches, and resolves technical problems. Responds to telephone calls, email and personnel requests for technical support. Documents, tracks, and monitors the problem to ensure a timely resolution.

Minimum Education: Associates

Minimum Years of Experience: 4

**54151S Mid-Level Developer II** Resolves problems with software and systems and responds to suggestions for improvements and enhancements. Utilizes programming languages such as Java or other technical frameworks to develop intuitive user applications. Participates in development of software user manuals. Assists the team leader on managing the tasks on projects.

Minimum Education: Bachelor's

Minimum Years of Experience: 5

**54151S Mid-Level Technical Lead III** Lead a development team for projects. Provide architectural and technical task leadership. Establish a technical vision for developers to follow. Design architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure that the common operating environment is compliant with the Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S MS Statistician** Analyzes and interprets data from various sources. Gathers data and uses established statistical techniques and methods to identify trends and patterns. Develops models, reports, charts, and tables based on established statistical methods.

Minimum Education: Masters

Minimum Years of Experience: 6

**54151S MSTR Architect IV** Participate and lead activities related to the design, structure, and administration of the data and analytics environments. Perform tasks related to the definition of the overall solution architecture, standards and definitions. Demonstrate thorough understanding of how source systems integrate, conduct analysis of requirements in relation to available data, perform assessments of source system data quality, and design of logical and physical data models to meet requirements.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S MSTR Developer III** Develop Business Intelligence (BI) reports using MicroStrategy or similar BI software and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing and deployment) of BI Dashboard and reports. Assist in functional and systems testing of integrated reporting applications, Dashboards and KPIs. Extensive experience with building BI schema and universes is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S PhD Statistician** Analyzes and interprets data from various sources. Compiles reports, charts, and tables based on established statistical methods. Gathers data and uses advanced and sophisticated statistical techniques and methods to identify trends and patterns. Develops and reviews models, reports, charts, and tables based on established statistical methods and enhances them as needed.

Minimum Education: PhD

Minimum Years of Experience: 8

**54151S Program Director II** Responsible for organizing, directing, and managing all aspects of contract operational support functions involving multiple complex and inter-related project tasks. Provide overall direction of program activities. Manage and maintain contractor interface with the senior levels of the customer's organization. Monitor and review technical and financial reports to show progress of projects to management and customers, organize and assign responsibilities to subordinates, oversee the successful completion of all assigned tasks

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Program Manager I** Contract strategic & tactical direction, Management oversight of task order delivery, Maintain Sr. Level contractor interface with organization. guides users in the management and execution of federal programs. Manages technical and administrative staff assigned to the program/project. Responsible for program resource management on a day-to-day basis. Interfaces with client contacts to determine requirements and allocate resources. Has an understanding of the federal budget development, management and execution processes.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Project Coordinator** Coordinates all projects and ensures company resources are utilized appropriately. Compiles weekly and monthly project status reports, manages project meetings, and identifies and resolves technical problems. Assists in submitting the necessary paperwork to grant system access and addresses follow-up questions or issues. Coordinates project activities and ensures all project phases are documented appropriately.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151S Security Analyst II** Analyzes information security systems and applications and recommends and develops security measures to protect information against unauthorized modification or loss.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151S Senior Developer II** Resolves problems with software and systems and responds to suggestions for improvements and enhancements. Utilizes programming languages such as Java or other technical frameworks to develop intuitive user applications. Acts as task leader as needed and manages the tasks on projects. Participates in the design of software tools and subsystems to support reuse and domain analysis. Reviews the work performed by other junior developers within the team.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Senior Technical Lead III** Lead a development team for projects. Provide architectural and technical leadership. Design architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure that the common operating environment is compliant with the Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action. Provide daily supervision and direction to staff.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S BA/Scrum Master** Coordinates an agile development team, ensures all activities use the principles of the Scrum Framework. Actively identifies and removes impediments in order to ensure that assigned sprints and projects are completed on time. Tracks and reports daily schedules. Demonstrates expertise in eliciting and documenting business requirements from project stakeholders. Defines complex business requirements, translates business requirements into tasks to be performed by technical team members, understands business issues and works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S Subject Matter Expert I** Provide technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on moderately complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply principles, methods and knowledge of the functional area of capability to specific task order requirements, and methods to narrowly defined technical problems in

engineering and other scientific applications to arrive at automated solutions. Assist in performance of an “as-is” state assessment and identify areas for further improvement. Assist other senior consultants with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts in the following specialties: information and systems architecture; data analysis, software; lifecycle management, software development methodologies, and modeling and simulation.

Minimum Education: Bachelor’s

Minimum Years of Experience: 8

**54151S Subject Matter Expert II** Provide technical knowledge and expertise to highly specialized applications and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on very complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply principles, methods and knowledge of the functional area of capability to specific task order requirements, and methods to extremely difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Perform an “as-is” state assessment and identify areas for further improvement. Direct other senior consultants with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts in the following specialties: information and systems architecture; data analysis, software; lifecycle management, software development methodologies, and modeling and simulation. Demonstrate exceptional oral and written communication skills.

Minimum Education: Bachelor’s

Minimum Years of Experience: 10

**54151S Task Manager II** Oversees all aspects of the project, leading a team on large projects or a significant segment of large and complex projects. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Provide applications systems analysis and long and short-range plans for application selection, systems development, systems maintenance, and production activities for necessary support resources. Commensurate experience and education for the specific level.

Minimum Education: Bachelor’s

Minimum Years of Experience: 8

**54151S Tester II** Provide testing expertise in for the support of user requirements of complex software applications. Participates in all phases of testing and validation activities and engages developers and other analysts with emphasis on analysis of user requirements, test design and test tools selection.

Minimum Education: Bachelor’s

Minimum Years of Experience: 4

**54151S Project Manager** Perform Project Management tasks and act as the central point of contact for all project-wide and event-specific issues. Responsible for the issue resolution and overall project management. Manage and staff projects, create and maintain project schedules, report status and issues, and submit and gain approval for project budgets as needed. Establish regular status meeting times with management and stakeholders.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Systems Analyst** Translate business requirements into system specifications, compile flow-charts, build logical models and help in developing appropriate system specific documentation. Ability to perform ad hoc data analysis using Mainframe JCL or SQL queries or Excel or other data manipulation tools. Experience in developing ETL mappings using tools like Informatica is helpful.

Minimum Education: Bachelor's

Minimum Years of Experience: 5

**54151S Mid-Level Consultant II** Experience in facilitation, training, data collection, data analysis, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information system development methods and practices. Performs data collection from multiple sources to include the web, client databases, and other resources. Utilize programming languages like Java/Salesforce, analytical tools, and methodology to perform data analysis in support of the development of analytical products and applications using Client- Server and 3-Tier architecture.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151S Senior Consultant II** Experience in facilitation, training, data collection, data analysis, methodology development and evaluation, process reengineering across all phases, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information system development methods and practices. Performs data collection from multiple sources to include the web, client databases, and other resources. Utilize programming languages like Java/Salesforce, analytical tools, and methodology to perform data analysis in support of the development of analytical products and applications using Client- Server and 3-Tier architecture. S/he performs enterprise strategic systems planning, enterprise information planning and business area analysis— and performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Functional Analyst I** Provide customer support services to clients on an email-based helpdesk, making outbound calls, as necessary. Analyze customer business and technical issues. Research and propose



solutions, and work with end users to carry out those solutions. Respond to user questions and provide follow-up support within established timeframes and use customer approved template responses.

Minimum Education: Bachelor's

Minimum Years of Experience: 2

**54151S Reporting Analyst** Perform expert level SQL or Excel data manipulation tasks and reporting/data analysis services. Assist with the design, development, and operation of a Relational Database. Familiarity with data visualization tools like Tableau, Qlik, Jasper soft. Provide data quality analysis and strive to enhance data accuracy and quality.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S Expert Business Object (BI) Administrator** Perform expert level Business Objects Administration tasks. Stand up multiple Business Objects servers in a Solaris/UNIX environment and assist with the migration of applications from one environment to another. Identify, diagnose, and help remediate application issues in these environments.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Business Objects (BOBJ) Developer** Develop Business Intelligence (BI) reports using SAP Business Objects and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of Business Objects Dashboard and reports. Assist in functional and systems testing of integrated reporting applications, Dashboards and KPIs. Extensive experience with building Business Objects Universes is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S ETL Developer** Develop ETL mappings to extract data from a source data system (databases, files etc.), transform the data based on business requirements and load the data into a target data system (databases, files etc.). Support the successful execution of ETL workflows and mappings and fix issues as needed. Conduct performance tuning of the mappings developed to ensure that the data is extracted, transformed, and loaded in a reasonable amount of time based on the requirements. Build SQL queries as needed to conduct data analysis and testing.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151S BI Architect IV** Participate and lead activities related to the design, structure, and administration of the data and analytics environments. Perform tasks related to the definition of the overall solution architecture, standards, and definitions. Demonstrate thorough understanding of how source systems



integrate, conduct analysis of requirements in relation to available data, perform assessments of source system data quality, and design of logical and physical data models to meet requirements.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Portal/Applications Architect IV** Design portal interfaces and web applications using technologies like IBM Websphere, JBoss. Experience with at least one of the following technologies or tasks is required - web services development, Servlet development, XML, JSON, Spring, Hibernate and other similar and related technologies. Translate business strategy into discrete requirements compatible with current technical architectures. Defines systems, technical, and application architectures for new strategic initiatives

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Business Analyst II** Elicits and documents business requirements from project stakeholders. Defines complex business requirements, understands business issues, and works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151S MicroStrategy/Business Intelligence (BI) Developer III** Develop Business Intelligence (BI) reports using MicroStrategy or similar BI software and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of BI Dashboard and reports. Assist in functional and systems testing of integrated reporting applications, Dashboards and KPIs. Extensive experience with building BI schema and universes is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S Portal Administrator II** Develop and deploy high availability Portal and website architecture solutions. Install, configure, administer, and maintain application servers. Monitor and measure performance of applications and provides recommendations to improve overall user experience. Administer the user groups and deploy and maintain authentication mechanisms like Enterprise LDAP

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**54151S Principal Consultant I** Extensive experience in one of the functional areas like Big Data strategy, requirements gathering, data collection, data analysis, data discovery and visualization, software development methodology, Business Intelligence and analytics, predictive analytics, or data modeling.

Supervises the work of other team members and applies a wide set of disciplines for the planning, analysis, design, development, and construction of information systems on an enterprise-wide basis or across, a major sector of the enterprise/organization/government agency. Utilizes analytical tools and methodologies to perform analysis in support of the development of applications, portals, website, and other software products. Performs enterprise-wide information planning and business area analysis.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151S Data Visualization Developer IV** Emphasize on user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements. Expert level expertise in any of the technologies like Javascript, Java, Flex, Flash, AngularJS, HTML or JQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S Data SME V** Demonstrate Subject Matter Expert (SME) level understanding of healthcare data in one of the domains such as claims processing (inpatient, outpatient, Medicare advantage claims etc.) and Medicare beneficiary and provider enrollment and eligibility. Medicare and Medicaid policy expertise or understanding of Affordable Care Act (ACA) is preferred

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S Data Visualization Developer II** Emphasize on user experience and create data visualizations , interactive graphics, and intuitive user interfaces and assist in testing of the prototypes. A good understanding of technologies like JavaScript, Java, Flex, Flash, AngularJS, HTML or JQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**54151S Data Analyst V** Expert level understanding in one of the following data analysis areas - SQL scripts, SAS code, Excel macros, Mainframe JCL, ETL code, BTEQ scripts or other similar technologies. Translate business requirements into system specifications and code, compile flow-charts, build logical and physical models and help in developing appropriate system specific documentation

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S MicroStrategy Developer IV** Expert level skill in developing and architecting Business Intelligence (BI) reports using MicroStrategy or other similar BI tool and perform unit testing of the reports developed. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of MicroStrategy schema objects, reports, Dashboards and KPIs. Extensive experience with

building and managing BI metadata is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151S SAS Developer II** Develop SAS code like SAS stored processes and macros using specific customer requirements. Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of SAS project development. Assist in functional and systems testing of SAS applications.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**54151S Business Analyst III** Demonstrates expertise in eliciting and documenting business requirements from project stakeholders. Defines complex business requirements, translates business requirements into tasks to be performed by technical team members, understands business issues, and works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151S Big Data Architect IV** Work with large and complex data sets and work on developing real-time/near real-time analytics and distributed big data platforms. Hands-on experience or extensive training in Big Data platforms and software like Hadoop, Apache Spark, Cassandra, HBase, HDFS, Map-Reduce, Hive, PIG, MongoDB, Sqoop, Storm or equivalent platforms. Experience with one of the popular Hadoop frameworks such as Cloudera, Hortonworks or IBM is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Program Director II** Responsible for organizing, directing, and managing all aspects of Health IT contract operational support functions involving multiple complex and inter-related project tasks (for example: projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Provide overall direction of program activities. Apply knowledge of healthcare financing, public health, healthcare systems, clinical care, and health research to oversee a project team of related subject matter experts. Monitor and review technical and financial reports to show progress of projects to management and customers, organize and assign responsibilities to subordinates, oversee the successful completion of all assigned tasks. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151HEAL HIT Program Manager I** Responsible for organizing, directing, and managing all aspects of Health IT contract operational support functions involving complex and inter-related project tasks (for example: projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Provide overall direction of program activities. Apply knowledge of healthcare financing, public health, healthcare systems, clinical care, and health research to oversee a project team of related subject matter experts. Formulate and review task plans and deliverables with input from health subject matter experts on the project team, ensuring conformity with program and project task schedules and costs and contractual obligations. Establish and maintain technical and financial reports to show progress of projects to management and customers, organize and assign responsibilities to subordinates, oversee the successful completion of all assigned tasks. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Program Manager II** Perform Project Management tasks and act as the central point of contact for all Health IT project-wide and event-specific issues (for example: projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Responsible for the issue resolution and overall project management. Apply knowledge of health research, clinical, and public health services to coordinate with health subject matter experts to perform relevant quality control on project deliverables. Manage and staff projects, create and maintain project schedules, report status and issues, and submit and gain approval for project budgets as needed. Establish regular status meeting times with management and stakeholders. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Business Analyst** Elicits and documents business requirements from project stakeholders (for example: projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Defines complex business requirements and understands business issues such as healthcare claims processing, clinical trials, HIPAA privacy and security requirements, and health research protocols. Works closely with the development team to resolve them. Creates Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases. Familiarity with Healthcare Information Management Systems Society (HIMSS) dictionary of HIT terms is preferred

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151HEAL HIT Data Architect III** Designs and builds relational databases for Health IT projects (for example: projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Develops strategies for healthcare data acquisitions, archive recovery, and implementation of a database. Applies knowledge of HIPAA privacy and security requirements to protect personal health information (PHI). Works in a HIT data warehouse environment, which includes

health data design (for e.g.: healthcare claims, patients, providers), database architecture, metadata, and repository creation. Translates business needs into long-term architecture solutions for business processes such as clinical trials, claims processing, or applying for healthcare insurance. Defines, designs, and builds dimensional databases. Develops data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. Knowledge and competence in healthcare information and management systems is preferred

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Data Architect IV** Designs and builds relational databases for Health IT projects (for example: projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Develops strategies for healthcare data acquisitions, archive recovery, and implementation of a database. Applies knowledge of HIPAA privacy and security requirements to protect personal health information (PHI). Works in a HIT data warehouse environment, which includes health data design (for e.g.: healthcare claims, patients, providers), database architecture, metadata, and repository creation. Translates business needs into long-term architecture solutions for business processes such as clinical trials, claims processing, or applying for healthcare insurance. Defines, designs, and builds dimensional databases. Develops data warehousing blueprints, evaluating hardware and software platforms, and integrating systems. Reviews object and data models and the metadata repository to structure the data for better management and quicker access. Knowledge and competence in healthcare information and management systems is preferred

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151HEAL HIT Help Desk II** Provides support to end users on a variety of Health IT-related issues on projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains. Identifies, researches, and resolves technical problems with systems supporting business processes such as clinical trials, claims processing, public health services, or health research. Responds to telephone calls, email, and personnel requests for technical support. Documents, tracks, and monitors the problem to ensure a timely resolution.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151HEAL HIT Mid-Level Developer II** Resolves problems with Health IT software and systems and responds to suggestions for improvements and enhancements (for example, projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Utilizes programming languages such as Java or other technical frameworks to develop intuitive user applications. Collaborates with health subject matter experts to elicit requirements such as HIPAA privacy and security, medical licensure, clinical protocols and treatment guidelines, health insurance eligibility, etc. Participates in development of software user manuals. Assists the team leader on managing the tasks on projects. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 5

**54151HEAL HIT Mid-Level Technical Lead III** Resolves problems with Health IT software and systems and responds to suggestions for improvements and enhancements (for example, projects that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Utilizes programming languages such as Java or other technical frameworks to develop intuitive user applications. Collaborates with health subject matter experts to elicit requirements such as HIPAA privacy and security, medical licensure, clinical protocols and treatment guidelines, health insurance eligibility, etc. Participates in development of software user manuals. Assists the team leader on managing the tasks on projects. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT MS Statistician** Analyzes and interprets Health data from various sources (for example, sources that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Gathers healthcare data and uses established statistical techniques and methods to identify trends and patterns in health-related conditions or behaviors (e.g., disease prevention, diagnoses such as diabetes or other conditions, population health). Develops models, reports, charts, and tables based on established statistical methods that reflect knowledge of healthcare delivery, research, or evaluation. Knowledge and competence in claims or drugs data is preferred.

Minimum Education: Masters

Minimum Years of Experience: 6

**54151HEAL HIT PhD Statistician** Analyzes and interprets Health data from various sources (for example, sources that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Compiles reports, charts, and tables based on established statistical methods. Gathers data and uses advanced and sophisticated statistical techniques and methods to identify trends and patterns in health-related conditions or behaviors (e.g., disease prevention, diagnoses such as diabetes or other conditions, population health). Develops and reviews models, reports, charts, and tables based on established statistical methods and enhances them as needed, applying knowledge of healthcare delivery, research, or evaluation. Knowledge and competence in claims or drugs data is preferred

Minimum Education: PhD

Minimum Years of Experience: 8

**54151HEAL HIT Security Analyst II** Analyzes Health IT information security systems and applications (for example, systems and applications that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains) and recommends and develops security measures to protect information against unauthorized modification or loss. Applies knowledge of HIPAA privacy and security requirements to protect personal health information (PHI).

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151HEAL HIT Senior Consultant II** Experience in Health IT projects performing data collection, data analysis, methodology development and evaluation, identifying best practices, change management, business management techniques, organizational development, activity and data modeling, or information system development methods and practices (for example, sources that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Applies knowledge of healthcare hospital and provider systems, clinical research, public health services, health-related behavior change marketing, clinical treatment guidelines, technology tools, or analytic methods to perform or support consulting services in a health related domain.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Senior Developer II** Resolves problems with Health IT software and systems and responds to suggestions for improvements and enhancements (for example, software or systems that involve health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Collaborates with health subject matter experts to elicit requirements such as HIPAA privacy and security, medical licensure, clinical protocols and treatment guidelines, health insurance eligibility, etc. Utilizes programming languages such as Java or other technical frameworks to develop intuitive user applications. Acts as task leader as needed and manages the tasks on projects. Participates in the design of software tools and subsystems to support reuse and domain analysis. Reviews the work performed by other junior developers within the team.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Senior Technical Lead III** Lead a development team for Health IT projects (for example, health IT data such as healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Apply knowledge of health-related domains (e.g., clinical care, health research, public health, healthcare financing, prevention and treatment, clinical trials) to inform technical activities that align to business needs. Provide architectural and technical leadership. Design architecture to include the software, hardware, and communications to support the total HIT requirements as well as provide for present and future cross-functional requirements and interfaces. Ensure that the common operating environment is compliant with the Health Agency enterprise architecture and applicable reference models. Evaluate analytically and systematically problems of workflows, organization, and planning and develop appropriate corrective action. Provide daily supervision and direction to staff.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151HEAL HIT Subject Matter Expert I** Provide technical knowledge and analysis of highly specialized Health IT applications (for example, health IT applications that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains) and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on



moderately complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply knowledge of health-related domains (e.g., clinical care, health research, public health, healthcare financing, prevention and treatment, clinical trials) to inform technical activities that align to health-related business needs. Apply HIT principles, methods, and knowledge of the functional area of capability to specific task order requirements, and methods to narrowly define technical problems in engineering and other scientific applications to arrive at automated solutions. Assist in performance of an “as-is” state assessment and identify areas for further improvement. Assist other senior consultants with analysis and evaluation and with the preparation of recommendations for HIT system improvements, optimization, development, and/or maintenance efforts in the following specialties: information and systems architecture; data analysis, software; lifecycle management, software development methodologies, and modeling and simulation. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor’s

Minimum Years of Experience: 8

**54151HEAL HIT Subject Matter Expert II** Provide technical knowledge and expertise to highly specialized Health IT applications (for example, health IT applications that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains) and operational environment, high-level functional systems analysis, design, integration, documentation and implementation advice on very complex problems that require an appropriate level of knowledge of the subject matter for effective implementation. Apply knowledge of health-related domains (e.g., clinical care, health research, public health, healthcare financing, prevention and treatment, clinical trials) to inform technical activities that align to health-related business needs. Apply principles, methods, and knowledge of the functional area of capability to specific task order requirements, and methods to extremely difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions. Perform an “as-is” state assessment and identify areas for further improvement. Direct other senior consultants with analysis and evaluation and with the preparation of recommendations for system improvements, optimization, development, and/or maintenance efforts in the following specialties: information and systems architecture; data analysis, software; lifecycle management, software development methodologies, and modeling and simulation. Demonstrate exceptional oral and written communication skills. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor’s

Minimum Years of Experience: 10

**54151HEAL HIT Task Manager II** Oversees all aspects of the Health IT project, leading a team on large projects or a significant segment of large and complex projects (for example, projects that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Apply knowledge of healthcare financing, public health, healthcare systems, clinical care, and health research to oversee a project team of related subject matter experts. Analyze new and complex project-related problems and create innovative solutions that normally involve the schedule, technology, methodology, tools, solution components, and financial management of the project. Provide applications systems analysis and long and short-range plans for application selection, systems development, systems maintenance, and production



activities for necessary support resources. Commensurate experience and education for the specific level. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Tester II** Provide Health IT testing expertise in for the support of user requirements of complex software applications (for example, applications that involve healthcare claims or clinical trials or other health domains). Users may include doctors, nurses, phlebotomists, medical code reviewers, claims processors, clinical researchers, public health professionals, Federal or State health officers, and other health-related professionals. Participates in all phases of testing and validation activities and engages developers and other analysts with emphasis on analysis of user requirements, test design and test tools selection.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151HEAL HIT Trainer IV** Conduct the research necessary to develop and revise Health IT-related training courses (for example, training sources that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Applies knowledge of health-related disciplines (e.g., clinician, social worker, insurance broker, therapist, researcher, mid wife); health-related systems (e.g., hospitals, rural health clinics, telemedicine, quality improvement organizations, substance abuse treatment and prevention, drug development); and health-related legislation or regulations (e.g., HIPAA, MACRA, ACA) to develop and revise courses and prepare appropriate training catalogs. Prepare instructor materials (course outline, background material, and training aids). Prepare student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Train personnel by conducting formal classroom courses, workshops, and seminars. Prepare reports and monitor training tasks using standard training standards and software and hardware programs such as modeling and simulation and prototyping efforts. Knowledge and competence in health domain is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151HEAL HIT Sr BA/Scrum Master** Coordinates an agile development team, ensures all activities use the principles of the Scrum Framework (for example, agile teams that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Applies knowledge of a broad range of health domains to facilitate development teams that are designing software to meet the needs of diverse stakeholders who may include healthcare professionals (e.g., clinicians of hospital administrators); health researchers (e.g., clinical research organizations or clinical trials investigators); public health professionals (e.g., HIV/AIDS educators); or government health officials (e.g., Federal agency staff, state health department employees). Actively identifies and removes impediments in order to ensure that assigned sprints and projects are completed on time. Tracks and reports daily schedules. Demonstrates expertise in eliciting and documenting HIT business requirements from project stakeholders. Defines complex HIT business requirements, translates business requirements into tasks to be performed by technical team members, understands business issues, and works closely with the development team to resolve them. Creates

Requirements Document (RD) and based on the project need, develops Test Plans (TPs) and Test Cases. Knowledge and competence in healthcare information and management systems is preferred

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151HEAL HIT Project Coordinator** Coordinates all IT projects and ensures company resources are utilized appropriately in support of projects executed for a health-related mission such as healthcare policy, healthcare care financing, public health, clinical research, or clinical care. Compiles weekly and monthly project status reports, manages project meetings, and identifies and resolves technical problems. Assists in submitting the necessary paperwork to grant system access and addresses follow-up questions or issues. Coordinates project activities and ensures all project phases are documented appropriately.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151HEAL HIT MSTR Developer III** Collaborates with health subject matter experts to understand and apply relevant requirements such as HIPAA privacy and security, medical licensure, clinical protocols and treatment guidelines, health insurance eligibility, etc., to develop Business Intelligence (BI) reports using MicroStrategy or similar BI software and perform unit testing of the reports developed (for example, reports that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Work on multiple phases of the Development Life Cycle (requirements, design, development, testing, and deployment) of BI Dashboard and reports. Assist in functional and systems testing of integrated reporting applications, Dashboards and KPIs. Extensive experience with building BI schema and universes is required. Develop required documentation in support of the development life-cycle and needs to have the ability to analyze SQL queries.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151HEAL HIT ETL/SQL Developer III** Collaborates with health subject matter experts to understand and apply relevant requirements such as HIPAA privacy and security, medical licensure, clinical protocols and treatment guidelines, health insurance eligibility, etc., to develop ETL mappings to extract data from a source data system (databases, files, etc.), transform the healthcare related data based on HIT business requirements and load the data into a target data system (databases, files, etc.). Support the successful execution of ETL workflows and mappings and fix issues as needed. Conduct performance tuning of the mappings developed to ensure that the data is extracted, transformed, and loaded in a reasonable amount of time based on the requirements. Build SQL queries as needed to conduct healthcare related data analysis and testing.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151HEAL HIT Data Visualization IV** Emphasize user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements (for example, customers associated with healthcare claims or healthcare providers such as

doctors and hospitals or other HIT domains). Collaborates with health-related subject matter and domain experts to design data visualizations that depict relevant analytic concepts (e.g., disease prevalence, emergency room utilization, Medicare claims processing time, drug treatment efficacy, drug adverse event reporting). Expert level expertise in any of the technologies like Javascript, Java, Flex, Flash, AngularJS, HTML or JQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151HEAL HIT Data SME V** Demonstrate Subject Matter Expert (SME) level understanding of healthcare data in a health-related domain such as claims processing (inpatient, outpatient, Medicare Advantage claims, etc.); Medicare beneficiary or healthcare provider enrollment and eligibility; clinical trials; drug treatment adverse events; population health; or other HIT domains. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT Data Visualization II** Emphasize user experience and create sophisticated data visualizations, interactive graphics, intuitive user interfaces and develop prototypes to meet customer requirements (for example, customers associated with healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Collaborates with health-related subject matter and domain experts to design data visualizations that depict relevant analytic concepts (e.g., disease prevalence, emergency room utilization, Medicare claims processing time, drug treatment efficacy, drug adverse event reporting). Good understanding of any of the technologies like Javascript, Java, Flex, Flash, AngularJS, HTML or JQuery is needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 3

**54151HEAL HIT Data Analyst V** Collaborates with health-related subject matter and domain experts to perform analyses (e.g., disease prevalence, emergency room utilization, Medicare claims processing time, drug treatment efficacy, drug adverse event reporting) of data sets in a health-related domain such as claims processing (inpatient, outpatient, Medicare Advantage claims, etc.); Medicare beneficiary or healthcare provider enrollment and eligibility; clinical trials; drug treatment adverse events; population health; or other health domains. Expert level understanding in one of the following healthcare data analysis areas – SQL scripts, SAS code, Excel macros, Mainframe JCL, ETL code, BTEQ scripts or other similar technologies. Translate HIT business requirements into system specifications and code, compile flow-charts, build logical and physical models and help in developing appropriate system specific documentation.

Minimum Education: Bachelor's

Minimum Years of Experience: 8

**54151HEAL HIT MSTR Architect IV** Applies knowledge of HIPAA privacy and security requirements to protect personal health information (PHI). Participate and lead activities related to the design, structure, and

administration of the data and analytics environments (for example, data and analytics environments that involve healthcare claims or healthcare providers such as doctors and hospitals or other HIT domains). Perform tasks related to the definition of the overall solution architecture, standards, and definitions for business processes such as clinical trials, claims processing, or applying for healthcare insurance. Demonstrate thorough understanding of how source systems integrate, conduct analysis of requirements in relation to available data, perform assessments of source system data quality, and design of logical and physical data models to meet requirements.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151HEAL HIT Data Modeler** Develops healthcare data models to meet the needs of the organization's information systems. Engages the Product Owner and Business Analyst to thoroughly understand the HIT requirements and designs information assets and data models. Applies knowledge of broad health domains (e.g., clinical care, claims processing, clinical trials, healthcare research, public health) to collaborate with health professionals serving as Product Owners and Business Analysts or other SMEs. Maintains data integrity by working to eliminate data redundancy. Educates the team on the best practices surrounding data storage and ensures that the data structures are optimized for efficient data retrieval. Knowledge and competence in healthcare information and management systems is preferred.

Minimum Education: Bachelor's

Minimum Years of Experience: 10

**54151 Software Project Manager** Plan and direct software activities in a project team. Assign responsibilities to subordinates and oversee the successful completion of assigned software tasks. Takes software maintenance or software development projects from original concept through final implementation. Interfaces with at least one of the areas affected by the project such as end users or computer services or client services or infrastructure providers or any project related stakeholder. Provides technical or analytical guidance to project team.

Minimum Education: Bachelor's

Minimum Years of Experience: 6

**54151 Software System Engineer** Plan and direct software activities related to configuration or installation or operations or testing. Identify and analyze advancements in software development or maintenance concepts, techniques or tools. Designs or develops software code deployments. Provides necessary integration into activities such as test automation, vulnerability scanning or other code quality processes. Provides technical consultation, or training or support to project teams as needed.

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151 Software Business Analyst** Analyze and assess operational or functional baselines for software projects. Identify gaps in current processes and document requirements to implement new features and

functionality or component of business value. Assist in creating conceptual business models for software projects

Minimum Education: Bachelor's

Minimum Years of Experience: 4

**54151 Software Programmer** Efficiently and effectively analyze, test and develop programs and program changes for application and infrastructure in the cloud. Create and/or maintain cloud system configurations including infrastructure as code, operating systems, communications software, data base packages, compilers, assemblers, and utility programs. Modify existing software as well as create special- purpose software to ensure efficiency and integrity between systems and applications in the managed cloud environment

Minimum Education: Bachelor's

Minimum Years of Experience: 2