

JAIC DRAID BOA Labor Categories (LCATS)					
Labor Category	Skill Level	Work Description/Functional Responsibility	Education Level	Minimum Years	Substitute for Minimum Education/Years
Program Management					
Project Manager	Senior/Lead	Provide management, direction, administration, quality management, and leadership of the execution of the TO. The PM shall act as the overall lead, manager, and administrator for the effort. The PM shall direct efforts of cross-competency teams including Contractors at multiple locations and shall serve as the primary interface and POC with Government program authorities and representatives on technical and project issues. The PM shall be responsible for regularly briefing leadership on program status and milestones. The PM shall oversee Contractor personnel project operations by developing procedures, planning and directing execution of the contractual, technical, multi-disciplinary engineering, programming, maintenance, and administrative support effort, and monitoring and reporting progress. The PM shall manage acquisition and employment of project resources and control financial and administrative aspects of the project.	Must be an employee of the prime offeror or teaming arrangement partner, or have an offer of employment that the PM intends to accept in the event of an award being made to the offeror. Possess a minimum of five years of Project Management experience managing complex projects in an IT engineering or big data environment. Possess a minimum of five years of experience managing complex projects utilizing agile project management methodologies.	5 years	<Substitutions may be addressed at the Task Order level>
Data Architect					
Data Architect III	Senior/Lead	Designs and builds relational databases for data storage or processing. Develops strategies for warehouse implementation, data acquisition, and archive recovery. Cleans and maintains the database by removing and deleting old data. May evaluate new data sources for adherence to the organization's quality standards and ease of integration. Relies on experience and judgment to plan and accomplish goals. Develops and documents organizational standards for Data Storage, Data Transformation, and Metadata Management. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.	BS in computer sciences, information systems, engineering or other related technical or scientific discipline related to the task to be supported.	6+ years	<Substitutions may be addressed at the Task Order level>
Data Architect II	Intermediate/Mid-Level	Designs and builds relational databases for data storage or processing. Develops strategies for warehouse implementation, data acquisition, and archive recovery. Cleans and maintains the database by removing and deleting old data. May evaluate new data sources for adherence to the organization's quality standards and ease of integration. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager.	BS in computer sciences, information systems, engineering or other related technical or scientific discipline related to the task to be supported.	4+ years	<Substitutions may be addressed at the Task Order level>
Data Architect I	Junior/Entry-Level	Entry level position. Knowledge of requirements analysis, data base models and data visualization desired. Designs and builds relational databases for data storage or processing. Develops strategies for warehouse implementation, data acquisition, and archive recovery. Cleans and maintains the database by removing and deleting old data. May evaluate new data sources for adherence to the organization's quality standards and ease of integration. Has knowledge of commonly-used concepts, practices, and procedures within a particular field. Relies on instructions and pre-established guidelines to perform the functions of the job. Works under immediate supervision. Primary job functions do not typically require exercising independent judgment. Typically reports to a supervisor or manager.	BS degree in computer sciences, information systems, engineering or other related technical or scientific discipline related to the task to be supported.	<4 years	<Substitutions may be addressed at the Task Order level>
Data Engineer					
Data Engineer III	Senior/Lead	Develops and documents data pipelines for the ingest, transformation, and preparation of data for Artificial Intelligence applications. Designs and implements scalable technologies such as streaming transformation for joining, analyzing, and processing disparate data sets into features for predictive analytics. Develops API interfaces to facilitate data accessibility. Designs reusable standardized data pipelines. Leads major technical efforts and guides development teams to the best solution. Develops and documents organizational standards.	- Masters degree or PhD in statistics, mathematics, computer science, or related field - 8+ years of relevant work experience (6+ with Masters Degree)		<Substitutions may be addressed at the Task Order level>
Data Engineer II	Intermediate/Mid-Level	Develops and documents data pipelines for the ingest, transformation, and preparation of data for Artificial Intelligence applications. Designs and implements scalable technologies such as streaming transformation for joining, analyzing, and processing disparate data sets into features for predictive analytics. Develops API interfaces to facilitate data accessibility. Designs reusable standardized data pipelines.	- Bachelors Degree in statistics, mathematics, computer science, or related field - 4-8 years of relevant work experience		<Substitutions may be addressed at the Task Order level>
Data Scientist					
Data Scientist III	Senior/Lead	Designs and Architects Artificial Intelligence and Data Science solutions using algorithmic and quantitative methods to meet the predictive analytics needs of the organization. Performs analysis and processing of data into feature sets for Data Science and Artificial Intelligence applications. Trains and maintains algorithmic AI models. Collects metrics and develops methods for quantitative measurement of algorithmic predictive power. Authors and implements organizational standards for integration of AI models into software solutions that meet organizational needs. Develops and authors organizational standards and guidelines for security and the ethical use of AI. Authors and presents white papers on Artificial Intelligence solutions.	PhD or Masters degree in a highly quantitative field (Computer Science, Machine Learning, Operational Research, Statistics, Mathematics, etc.) + 2 or more years equivalent professional or military experience BA/BS degree in a highly quantitative field (Computer Science, Machine Learning, Operational Research, Statistics, Mathematics, etc.) +6 years of industry experience in predictive modeling, data science, and analysis	2-6+ years	<Substitutions may be addressed at the Task Order level>

Data Scientist II	Intermediate/Mid-Level	<p>Designs and Architects Artificial Intelligence and Data Science solutions using algorithmic and quantitative methods to meet the predictive analytics needs of the organization. Performs analysis and processing of data into feature sets for Data Science and Artificial Intelligence applications. Trains and maintains algorithmic AI models. Collects metrics and develops methods for quantitative measurement of algorithmic predictive power. Designs standardized architecture to integrate AI models into software solutions that meet organizational needs. Takes measures to ensure adherence to organizational guidelines for security and the ethical use of AI. Authors and presents white papers on Artificial Intelligence solutions.</p>	<p>Bachelors degree in a highly quantitative field (Computer Science, Machine Learning, Operational Research, Statistics, Mathematics, etc.) or equivalent professional or military experience</p> <p>PhD +1 yrs or BS+4 years of industry experience in predictive modeling, data science, and analysis</p>	1-4+ years	<Substitutions may be addressed at the Task Order level>
Data Scientist I	Junior/Entry-Level	<p>Develops Artificial Intelligence and Data Science solutions using algorithmic and quantitative methods to meet the predictive analytics needs of the organization. Performs analysis and processing of data into feature sets for Data Science and Artificial Intelligence applications. Trains and maintains algorithmic AI models. Collects metrics and develops methods for quantitative measurement of algorithmic predictive power. Helps to integrate AI models into software solutions that meet organizational needs. Takes measures to ensure adherence to organizational guidelines for security and the ethical use of AI. Documents technical solutions.</p>	<p>Associates degree in a highly quantitative field (Computer Science, Machine Learning, Operational Research, Statistics, Mathematics, etc.) or equivalent professional or military experience</p> <p><4 years of industry experience in predictive modeling, data science, and analysis</p>	<4 years	<Substitutions may be addressed at the Task Order level>
Data Labeler					
Data Labeler	Junior/Entry-Level	Utilizes specialized labeling software and other applications to annotate data sets with accurate labels for AI applications. Draws bounding boxes on imagery and accurately labels data using defined ontologies. Requires good vision and general computer usage skills.	H.S. Diploma and basic computer operation skills		<Substitutions may be addressed at the Task Order level>

Additional LCATs to be considered for addition at the Task Order Level:
AI Data Labelers
AI Ethics Analyst
AI Ethics Manager
Automation Engineer
Big Data Architect
Budget Analyst
Cloud Engineer
Cluster Architect
Configurations Manager
Contract Administrator
Cross Domain Senior Eng.
Cyber Security Engineer
Cybersecurity Analyst
Data Base Architect
Data Engineer
DevOps
Expert AI Data Labeler
Information Assurance
Infra Project Manager (Eng)
Infrastructure Engineer (Multi-cloud)
Integration Engineer
Kubernetes Architect
Network Engineer
Penetration/Vulnerability
Platform Engineer
Program Manager
Scrum Master
Scrum Master
Senior Researcher
Service Desk Manager
Strategy Consultant
System Administrator
Systems Engineer
Tech Writer
Virtualization Engineer