

Data Engineer

We are looking for a data engineer / database developer to join our team leading development of advanced data analytics for the Navy. This project brings together supply chain performance areas and metrics and will migrate an on-premise solution to the AWS Gov Cloud solution known as Advana Jupiter. This is a high-profile project and will significantly impact the nation's readiness.

You will be responsible for creating, maintaining, and optimizing databases using the Navy's enterprise data environment, Advana Jupiter. You will also collaborate with other data professionals and stakeholders to ensure data quality, availability, and interoperability across the naval enterprise.

As a database developer, you will:

- Connect to various data sources, create, and modify database tables, and write complex queries using SQL and other programming languages.
- Apply data transformation, data analysis, and data visualization techniques to provide actionable insights and decision support for the Navy's missions and functions.
- Follow the Navy's data architecture, standards, policies, and best practices to ensure data security, privacy, and compliance.
- Document and communicate your data processes, findings, and recommendations to various audiences using Jupiter's platform features.
- Troubleshoot and resolve any data or database issues that may arise.

To be successful in this role, you should have:

- A bachelor's degree in computer science, information systems, statistics, or a related field.
- At least 6 years of experience in database development, data engineering, or data analysis.
- Proficiency in SQL and other programming languages such as Python or R for data manipulation and analysis.
- Experience with cloud-based database tools.
- Experience using Spark, Databricks, and other similar tools.
- Knowledge of ETL/ELT processes, data warehouse architecture, and data modeling techniques.
- Familiarity with the Navy's data sources, domains, and use cases.
- Excellent communication, collaboration, and critical thinking skills.
- **A security clearance or the ability to obtain one.**
- **Due to the nature of this contract, US Citizenship is required.**



Location: Remote work and hybrid options available. Occasional on-site collaborative meetings in Philadelphia, PA and/or Harrisburg, PA will be required.

Benefits: We offer competitive compensation. Our benefits package includes medical, dental, vision, with **100% of premiums company paid**, paid time off, paid sick time, paid holidays, and a retirement plan with company match. Our employees enjoy a collaborative and supportive work environment.

About BI Solutions: BI Solutions is celebrating 20 years of excellence in providing quality services to private and public organizations. A recognized leader in the use of advanced tools and analytics within the Department of Defense, BI Solutions has been awarded the prestigious Admiral Stan Arthur Award for Logistics Excellence and the DOD Award for Supply Chain Excellence. BI Solutions is a privately held women owned small business headquartered in Harrisburg, Pennsylvania.

To Apply: Please send resumes, cover letters, and salary requirements to office@bisolutions.net.

BI Solutions is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.