

## **DATA ARCHITECT JOB DESCRIPTION**

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**DEPARTMENT:** Information Management  
**STATUS:** Exempt

### **SUMMARY**

The Data Architect will play a major role in the firm Business Analytics and Data Management programs, with an emphasis on Reporting & Analytics, producing concrete deliverables through a deep understanding of the firm's data landscape and requirements.

The post-holder will evaluate functional and technical business requirements and be able to transform those requirements into conceptual/logical data models that efficiently enable expected application and/or analytic capabilities to support the strategic initiatives of the enterprise. The post-holder will work directly with stakeholders and team members to define, design and deliver actionable insights while working with ETL/DB developers and other developers in an agile environment.

### **JOB DESCRIPTION**

Assist in implementing the firm's Reporting & Analytics Roadmap, inclusive of:

- Perform an Analytics readiness assessment (diagnostic, descriptive, predictive and prescriptive) of the firm
- Assist in identifying metrics for various areas of the business
- Build a transformational roadmap with recommendation and a plan to get the desired objectives
- Integrate mobile, user experience in the Analytics strategy
- Work with the Project Manager and others to provide clear deliverables. (project charter, documentation, meetings inventory, assessment report, development proposal)
- Drive improvements in processes to ensure consistent reporting and analysis across the enterprise in an environment where there is a variety of local systems and interpretations
- Champion BI Governance and educate the Business units on the importance of consolidating the data silos or department solutions into one standardized offering
- Work consultatively with business stakeholders and IT Business Analysts to ensure understanding of the business requirements associated with ongoing requests, inclusive of recognizing and educating others regarding data-driven interdependencies and impacts of same
- Assist in the identification of additional professional service's needs (and selection of same) for strategic advice, analytic solution selection and analytic solution development

- Play a key role in the Analytics metadata management approach for the organization. Lay out the foundation of creating an enterprise wide Analytics metadata management solution which would provide context to information being analysed
- Extract, synthesize and analyse data from various sources to assist in business decisions and translating data into actionable insights with the goal of improving the different Business Units activities
- Design specifications and standards for Analytics projects, across all environments
- Provide support to the firm as needed
- Specific duties or responsibilities may be reviewed from time to time to reflect changes in personnel and management structure, staff location or services
- All members of the firm are encouraged to participate in our Global Citizenship program.

#### QUALIFICATIONS

- Bachelor degree in the field of Computer Science, Information Management or related technical discipline, or equivalent experience preferred
- Thorough understanding of reporting and data technology platforms (SQL Server RDBMS, ETL, SSIS, SSRS, MDX)
- Experience with SQL Server, T-SQL, and SSAS
- Experience with Microsoft PowerBI Suite, and advanced Excel skills
- Basic understanding of SSAS Time series analysis, decision trees and neural networks
- Proven ability to quickly diagnose business problems and translate high-level business questions into analysis roadmaps
- Substantive experience with delivering business intelligence solutions
- Critical thinking, strong problem solving, time management and organizational skills
- Experience with web analytics, enterprise search, and/or other collaboration technologies along with a solid understanding of the data engineering of enterprise-class web solutions is a strong plus
- Experience with IntApp Integration Builder ("Integrate) a strong plus
- Understanding of Hadoop and ability to explore and query Hadoop data sets is a plus
- Knowledge of Python and R is a plus
- Cloud Technology integration experience is a plus (e.g. Azure), as is experience with MS Machine Learning Studio or MS Datazen.
- Ability to work effectively with stakeholders.
- Hands on Experience with basic statistics techniques: Profiling, Correlation Analysis, Trend Analysis, Segmentation
- High level understanding of Predictive Analytics: Time series, Data mining, Machine Learning
- Expert level of technical knowledge on BI architecture



- Conceptual understanding of data integration tools and technologies, and exposure to same
- Self-motivated with the ability to prioritize, meet deadlines, and manage changing priorities
- Able to deal with ambiguity and make quality decisions in a dynamic, fast-paced environment
- Strong teamwork and interpersonal skills; ability to communicate and persuade at various peer and management levels and thrive in a cross-functional matrix environment
- Able to work independently with minimum supervision
- Demonstrate effective problem solving skills and ability to manage multiple projects simultaneously
- Good analytical and problem solving skills.

#### **HOURS**

Core hours are Monday through Friday, 9:00 a.m. to 6:00 p.m., including one hour for lunch. Must be flexible to work additional hours.

This job description sets forth the authorities and responsibilities of this position and may be changed from time to time as shall be determined.

Hogan Lovells is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, age, national origin, disability, sexual orientation, gender identity or expression, marital status, genetic information or protected Veteran status.