

Senior Data Architect (M/F)

Location: Turin

Main purpose of job

The Senior Data Architect is in charge of building, optimizing and maintaining conceptual and logical database models. This role encompasses all aspects of data management, conceptual, logical, and physical. It is required to know how to analyse system requirements and implement migration methods for existing data. Hands-on experience with SQL and Oracle is also required.

Ideally, the candidate is familiar with predictive analysis and data visualization techniques using relevant tools (e.g. Tableau, R, etc.). Ultimately, it is required to develop database solutions to ensure company information is effectively and securely stored.

Responsibilities

- Developing database solutions to store and retrieve company information by defining database physical structure and functional capabilities, security, back-up, and recovery specifications;
- Maintaining database performance by identifying and resolving production and application development problems; calculating optimum values for parameters; evaluating, integrating, and installing new releases; completing maintenance;
- Additional responsibilities include end-to-end data lifecycle management activities, evaluating and recommending new and emerging data management and storage technologies and standards, and ensuring consistency between data management, enterprise storage and all other technical system components;
- Installing and configuring information systems to ensure functionality;
- To analyze structural requirements for new software and applications;
- Moving the data from legacy systems to new solutions;
- Designing a conceptual and logical data models and flowcharts;
- Improving system performance by conducting tests, troubleshooting and integrating new elements;
- Optimizing new and current database systems;
- To define security and backup procedures.

Requirements

- Proven work experience as a Data Architect or similar role;
- In-depth understanding of database structure principles;
- Experience gathering and analyzing system requirements;
- Knowledge of data mining and segmentation techniques;
- Expertise in SQL (preferable MySQL, Microsoft SQL Server and Oracle);
- Familiarity with columnar database systems;
- Familiarity with data visualization tools (e.g. Tableau, Qlik or PowerBI);
- Programming language knowledge (R, Python, Java);
- Proven analytical skills;
- Problem-solving attitude;
- Requested to abide by the security policies and procedures in force for her/his operational role;
- Requested to report to the ISMS Manager of all observed security issues.

Skylogic S.p.A. Unipersonale

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