Module 1: Introduction To MongoDB – Architecture & Installation

Case Study - 1

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Business Requirement
Your organization is looking for a database solution which helps to enable business innovation, reduces costs, accelerates time to market, transforms customer experience, and enhances efficiency. As the database administrator, you have been asked to think, try, and suggest a solution which can help meet the specified requirements.

Key Issues
- Data obtained from various data sources is in structured, semi-structured, or unstructured format
- Currently, data is first converted into SQL queries before being stored in the SQL database
- Heavy queries immensely affect the database performance

Additional Information
Business needs to prototype a new critical business application in two weeks, and it should be deployed to production in 100 days.

Approach to Solve
- List the business requirements
- Compare different database categories
- Select a database from the category which caters to the business needs
- Install the database
- Explore the database