

Example Exam questions

Exam Summer 2024

Example One

- (2 points) What is a data warehouse, and what is its main function in a business context?
- Answer: A data warehouse is a large, centralized repository of integrated data from multiple disparate sources, utilized for reporting, analysis, and decision-making purposes.

Example 2

- (4 points) Describe the differences between a Snowflake Schema and a Star Schema in terms of structure and table relationships.
- Answer: A Snowflake Schema builds upon a denormalized Star Schema by adding additional levels of detail to each Dimension Table, resulting in more normalized relationships between tables. This can enhance query performance for complex analyses but introduces greater complexity and maintenance requirements.