

Questions Bank

Data Warehousing

UNIT-4

1. Differentiate between MOLAP and ROLAP.
2. Define OLAP.
3. What is a slice operation in OLAP?
4. List the key differences between OLAP and OLTP.
5. Define the term "OLAP cube".
6. Describe the architecture of an OLAP system.
7. Differentiate between drill-down and roll-up with scenarios with suitable examples.
8. Design an OLAP solution for a retail organization.
9. Evaluate MOLAP, ROLAP, and HOLAP based on performance and scalability.
10. Evaluate the use of pivoting for better decision-making.

UNIT-5

1. Define real-time data warehousing.
2. What is big data in the context of a data warehouse?
3. Analyze the challenges in maintaining a large data warehouse.
4. Mention two issues in data warehouse maintenance.
5. Demonstrate how data governance improves data quality.
6. Critically evaluate traditional vs modern warehousing techniques.
7. Apply agile methodology to a data warehouse project.
8. Explain the need for metadata and its management.
9. Classify data warehouse implementation strategies.
10. Compare and analyze ELT vs ETL approaches.