

Assignment-01

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Q1. What is data Warehousing?

Ans- Data warehousing is a process of collecting, storing, managing, and analyzing data from various sources within an organization to support business decision-making. It involves the use of a data warehouse, which is a centralized repository for storing large volumes of structured and sometimes unstructured data.

Features of Data warehousing-

- Subject-oriented
 - Integrated
 - Time-variant
 - Non-volatile
1. Subject-oriented - Data warehouses are organized around specific subject areas or business processes rather than the application.
 2. Integrated- Data from diverse sources across an organization is collected and consolidated into a unified view.
 3. Time variant- Data warehouses typically store historical data, allowing users to analyze trends and changes over time.
 4. Non volatile-Once data is stored in the data warehouse, it is rarely, if ever, updated or deleted.