

Data Warehouse and Business Intelligence

Unit 1- Introducing the Technical Architecture

Q. No	Question	Co Mapping
1	Explain high level technical architecture of DWBI using figure.	CO1
2	Compare OLTP and Data warehouse	CO1
3	Explain technical architecture of DWBI using figure	CO1
4	Explain backroom ETL flow with figure	CO1
5	Draw and explain presentation server system architecture	CO1
6	Draw and explain front room technical architecture model	CO1
7	List BI application types	CO1
8	Explain BI management services	CO1
9	Explain Parallel Processing Hardware Architectures	CO1
10	Explain AI based data warehouse use case example	CO1

Unit 2- Introducing Dimensional Modelling

Q. No	Question	Co Mapping
1	How would you describe dimension model life cycle components?	CO2
2	How would you explain business process analysis.	CO2
3	What is grain and define its characteristics and granularity ,	CO2
4	What is fact table granularity?	CO2

5	Compare fact table types	CO2
6	Explain four steps dimension design process	CO2
7	Illustrate Retail sales grocery store dimensional model	CO2
8	Explain dimension meta data and fact table meta data	CO2
9	Explain bridge table with example	CO2
10	How would you describe enterprise Data Warehouse Bus Architecture with example	CO2

Unit 3 - Designing the Dimensional Modelling

Q. No	Question	Co Mapping
1	Explain modelling process overview with figure.	CO2
2	Explain types of dimension models with examples	CO2
3	Illustrate snowflake schema with example	CO2
4	Summarize four step dimension model	CO2
5	With neat sketch draw and explain enterprise Datawarehouse architecture	CO2
6	Illustrate sales invoicing business process	CO2
7	How would you describe life cycle of dimension modeling	CO2
8	How to declare grains	CO2
9	Draw business process analysis.	CO2
10	Illustrate sales invoicing business process	CO2