Course Instru

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Business Intelligence Question Bank

ctor: Ms. Preeti Mishra

Question
LIst the sources of structured, semistructured
what is semi structured data
list the challenges associated with the structured and semistructured data
state an instance where the inconsistent data formats caused problems in integeration of data
State wasys to store unstructured and semistructured, unstructured data
State advatages and disadvantage of ROLAP
Differentiate between MOLAP, and ROLAP? Compare data warehouse databases
What is fact costellation
challenges of TP system
Advantages and disadvantges of ROLAP
Compare and content structured, semi structured and unstructured data
It is important to analyze unstructured data , explain with example
state and explain the ways of extracting info from unstructured data
State wasys to store unstructured and semistrucuted data
DIscuss ways to manage unstructured data / semi structured data and structured data
Explain OEM, XML
Discuss best practises for managing growth of semi structured / unstructured data
Differentiate OLAP and OLTP in detail
Explain role of OLTP and OLAP tools in business intelegence anaylsis
Construct the ER diagram for car insurance company
Explain multidimensional data with example
Challenges of OLTP with example

S.No.	Question
1	Mention few BI tools in each 1. ETL , 2. Databasestat support DW 3. Reporting 4
2	what is meta data? Explain with example
3	Why maintaining data quality is important
4	what do you understand by tenure business value
5	What is data warehouse, list functions
6	List open source tools for analysis
7	List tools for reporting and RDBMS
8	What is TCO, ROI, ROA, TVO
9	Explain various components of BI framework
10	Illustrate BI program roles in detail
11	Explain BI Project Roles in details
12	give examples of teach and explain various types of meta data
13	list and illustrate BI architecture
14	what are various types of BI users- explain data access tools, sources and exam
15	What are the various types of BI application. Write and briefly explain example
16	Difference between program roles and project roles. How BI admin and Data ac
17	Explain with example the best practises of BI/DW
18	List all skills required in BI Professional

4. Business data analysis

ple of each
of each type of BI application
min different

S.No.	Question
1	Why we need data warehouse
2	Goals of data warehouse
3	what is integiration
4	List approaches of data integeration
5	How to handle issue of different types of data
6	List ETL process, software for integeration
7	Difference between data warehouse and data mart
8	
9	Explain ETL process
10	Note on Datawarehouse
11	Advantages of datawarehouse
12	Approaches of integerating data
13	Schema integeration with example
14	Difference between operation data source and data warehouse
15	List dimensions of data quality and why quality is important
16	What is data profiling and when to perform data profiling
17	What are approaches of data profiling
18	Why data quality matters, give example

S.No.	Question
1	Define data model and data modeling technique
2	Define fact dimension
3	Differentiate be
4	Name dimension model
5	Differentiate between ER model and dimension model
6	what is dimensional hierarchy
7	what are type of dimensions
8	how to handle issues of rapidly changing dimension
9	Prepare snowflake schema for 1. Airlines 2. Hospital 3. College 4. Educational far
10	Differentiate between star and snowflake in detail
11	Discuss dimensional modeling life cycle in detail
12	Detail about business metrices and KPI
13	Write steps for creating cubes in Ms Excel
14	Prepare ER Model for given scenario of railway reservation

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S.No.	Question
1	List report formats common to all levels
2	List standard and present practises followed
3	what is guage report and how it is usefull
4	what are various report layout types
5	what are various perspective of balanced scorecards
6	what are the basic steps required to design of scorecard
7	Are KPL plotted on enterprise dashboards
8	Differentiate between scorecard and dashboard
9	How to create dashboards
10	For any given scenario - identify kind of report applicable
11	Explain enterprise reporting characteristics in OLAP
12	Explain how balanced score card serves as: stratergy map, measurement system
13	Explain various types of scorecards
14	Explain various types of dashboards

S.No.	Question
1	Define knowledge and knowledge delivery
2	Differentiate between alerts and notifications
3	Steps for test analysis
4	Steps for entity recognition and extraction
5	Scope of big data analysis
6	How are data warehouse and big data related
7	What is mobile business intellegence
8	Describe big data analysis with respect to BI future trend
9	How is search a BI technique? Illustrate with example
10	How are KM and KD related ? Relate them with visualization tech
11	differentiate dashboards, widget, charts and graph
12	Prepare a note on future prospects of mobile business intellegence
13	how dimensional analysis leads to extracting knowledge

1	1	Define business intellgence
	2	what are different BI Users
	3	Define meta data
	4	what are the applications of BI
	5	What is digital data
	6	What is data integration
2	1	Explain data models used in OLTP and OLAP in detail
	2	explain the process and technology of BI infrastructure component
3	1	Explain ETL process in detail
	2	Explain Semantic meta data processes for business analytics
4	1	Exlpain data profiling concepts
	2	Exlpain the concept of digital dashboards
5	1	Explain the role of OLAP tools in BI architecure
	2	Explain types and sources of meta data
6	1	what is enterprise report
	2	what is quality performance framework
	3	what is OLAP and big data
	4	what is EIS and MIS
	5	Define BI enterprise dashboard
	6	what is data mart
7	1	Explain business metrices and KPIS
	2	Explain creating cubes in microsoft excel
8	1	What is balanced scorecard? Explain in detail
	2	Explain design of enterprise dashboards
9	1	Differentiate between different dashboards
	2	What is mobile BI? Explain in detail
10	1	Explain visualization using charts, graphs and widgets
	2	explain event stream processing