1Z0-515^{Q&As}

Data Warehousing 11g Essentials

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QUESTION 1

How can you use Oracle Data Mining with Oracle Warehouse builder?

A. To identify records to extract

B. As a standard transform operation

C. To increase write performance

D. To eliminate ETL logging

Correct Answer: A

Explanation: Data Mining and Data Warehousing Data can be mined whether it is stored in flat files, spreadsheets, database tables, or some other storage format. The important criteria for the data is not the storage format, but its applicability to the problem to be solved. Proper data cleansing and preparation are very important for data mining, and a data warehouse can facilitate these activities. However, a data warehouse will be of no use if it does not contain the data you need to solve your problem. Oracle Data Mining requires that the data be presented as a case table in single-record case format. All the data for each record (case) must be contained within a row. Most typically, the case table is a view that presents the data in the required format for mining Note: Oracle Warehouse Builder (OWB) enables the design and deployment of enterprise data warehouses, data marts, and e-business intelligence applications.

References:

QUESTION 2

Which feature would enable higher availability during maintenance operations while also improving query response performance?

A. Partitioning

B. Materialized views

C. Bitmap Indexing

D. OLAP

Correct Answer: A

Explanation: Partitioning enhances the performance, manageability, and availability of a wide variety of applications and helps reduce the total cost of ownership for storing large amounts of data. Partitioning allows tables, indexes, and index-organized tables to be subdivided into smaller pieces, enabling these database objects to be managed and accessed at a finer level of granularity. Oracle provides a rich variety of partitioning strategies and extensions to address every business requirement. Moreover, since it is entirely transparent, partitioning can be applied to almost any application without the need for potentially expensive and time consuming application changes.

References:

QUESTION 3

You can perform what-if analysis of potential changes with Oracle Warehouse Builder.

A. TRUE

B. FALSE

Correct Answer: A

Explanation: The Metadata Dependency Manager (MDM) enables you to plan your project by previewing the impact of the changes or future changes for "what-if" analysis. When you plan to introduce changes to your source systems, you can gauge the impact of that change on your warehouse design. If changes have already been introduced, then you can plan the time required to update your ETL design and rebuild your data warehouse.

References:

QUESTION 4

Your BI tool (for example, Oracle Business Intelligence Enterprise Edition Cognos) will be used to query an Oracle database that includes the Oracle BI tool generate in submitting queries that might include data stored in cubes?

A. SQL

B. PIVSQL

C. Proprietary API code

D. SQL for relational and proprietary API code for OLAP

Correct Answer: A

Explanation:

Oracle Business Intelligence Enterprise Edition is most commonly used with the Oracle Database using

SQL as the query language. Although the OLAP cube is a multidimensional data type, it is represented in

the Oracle database as a collection of relational views and is easily queried by SQL.

Note #1: The wording of the question is strange. SQL can be used and is the first choice. So it seems to

be the best answer.

Note #2: Oracle Business Intelligence Enterprise Edition (OBI EE) is a product suite based on the OBI EE

Server. The OBI EE Server can map a logical business model to many different physical data sources and

present the logical model for query to variety of client applications including Interactive Dashboards,

Answers and Oracle Business Intelligence Plug-in for Microsoft Office.

References:

QUESTION 5

You can use Oracle Data Mining unstructured data.

A. TRUE

B. FALSE

Correct Answer: A

Explanation: Data that cannot be meaningfully interpreted as numerical or categorical is considered unstructured for purposes of data mining. It has been estimated that as much as 85% of enterprise data falls into this category. Extracting meaningful information from this unstructured data can be critical to the success of a business.

Unstructured data may be binary objects, such as image or audio files, or text objects, which are language-based. Oracle Data Mining supports text objects. Text must undergo a transformation process before it can be mined. Once the data has been properly transformed, the case table can be used for building, testing, or scoring data mining models. Most Oracle Data Mining algorithms support text

References: