**Missing Base Queries:**

To develop a complete set of base query requirements, you should compare base query requirements in Table 1 to business intelligence query needs described in the previous section. To structure your thoughts, you should use Table 6 to show missing base queries. You should enter the base query identifier for cells covered by the associated combination of measure and dimension. Enter X in a cell if the no base query covers the combination of measure and dimension and the dimension is relevant to the measure. Leave a cell blank if the combination of measure and dimension is not relevant. The time dimension is not in the matrix because time applies to every query.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Dimension | | | | |
| **Measure** | *Customer* | *Sales Class* | *Location* | *Machine Type* | *Sales Agent* |
| *Profit amount and margin* | X | X | BQ2,BQ3 |  | X |
| *Returns* | X | BQ4 | BQ4 | X |  |
| *Shipping delays* | X | BQ5,BQ6 | BQ5,BQ6 |  |  |
| *Revenue (job)* | X | X | BQ1 |  | X |
| *Revenue (invoice)* | X | X | BQ2 |  | X |
| *Costs (subjob)* |  | X | BQ3 | X | X |
| *Ratio among types of costs* |  | X | BQ3 | X |  |
| *Gross margin* | X | X | X | X | X |
| *Forecasting performance* |  | X | X |  | X |
| *Budgeting performance* |  | X | X |  | X |
| *Intra company sales* |  | X | X |  | X |
| *Shared machine usage* |  |  | X | X |  |
| *Lead success rate* | X | X |  |  | X |

**AWR Question**

|  |  |
| --- | --- |
| **Question No.** | **Question Detail/Response** |
| 1 | How is DB time measured in the AWR? Total time in database calls by foreground sessions. Total time includes CPU time, I/O time, and non-idle wait time. |
| 2 | What is one dictionary table in the AWR? Identify the table name and at least three columns in the table. AWR data includes four tables, DBA\_Hist\_Snapshot, DBA\_Hist\_System\_Event, DBA\_Hist\_SQLStat, and DBA\_Hist\_Time\_Model. For columns, see the following Oracle diagram after this table. |
| 3 | What is the name of the Oracle view table used by the Active Session History (ASH) sampler? V$ACTIVE\_SESSION\_HISTORY |
| 4 | Identify at least two dimension columns in the ASH fact table? Columns in the V$ACTIVE\_SESSION\_HISTORY are SQL statement identifier, object number, file number, block number, wait event number, session identifier, session serial number, module name, action name, client identifier, and database time. |

