**Module 4 Assignment (Materialized View Design Matrix)( Base Query Specifications)**

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

**AWR Questions**

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| **QNo.** | **Question Detail** | **Answers** |
| 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. |