**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 |

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| **QNo.** | **Question Detail** | **Answers** |
| 1 | How is DB time measured in the AWR? | DB Time is the total time in database calls by foreground sessions – Includes CPU time, IO time and non-idle wait time.  DB Time is the response time.  Total DB time = sum of DB time for all active sessions |
| 2 | What is one dictionary table in the AWR? Identify the table name and at least three columns in the table. | AWR data includes 4 tables:  DBA\_Hist\_Snapshot, **(Snap\_Id,DBID,Instance\_Number)(PK)**  DBA\_Hist\_System\_Event,  DBA\_Hist\_SQLStat,  DBA\_Hist\_Time\_Model.  All three tables are joined to DBA\_Hist\_Snapshot by Foreign Key.(Snap\_ID,DBID,Instance\_Number) (FK) |
| 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 are  SQL statement identifier  object number |

**AWR Questions**