Q3.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Dimension** | | | | |
| **Measure** | *Customer* | *Sales Class* | *Location* | *Machine Type* | *Sales Agent* |
| *Profit amount and margin* | X | X | BQ2, BQ3 | X |  |
| *Returns* | X | BQ4 | BQ4 |  |  |
| *Shipping delays* | X | BQ5, BQ6 | BQ5, BQ6 |  |  |
| *Revenue (job)* | X | X | BQ1 |  | X |
| *Revenue (invoice)* | X | X | BQ2 |  |  |
| *Costs (subjob)* |  | X | BQ3 | X |  |
| *Ratio among types of costs* |  | X | BQ3 | X |  |
| *Gross margin* | X | X | BQ2, BQ3 | 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

1. Total time includes CPU time, I/O time, and non-idle wait time.
2. AWR data includes four tables, DBA\_Hist\_Snapshot, DBA\_Hist\_System\_Event, DBA\_Hist\_SQLStat, and DBA\_Hist\_Time\_Model.
3. 3.V$ACTIVE\_SESSION\_HISTORY
4. Columns in the V$ACTIVE\_SESSION\_HISTORY:-

* Identifier
* module name
* object number
* action name
* session serial number
* file number
* block number
* wait event number
* client identifier
* session identifier
* database time.