

```
use role developer;

use database DEBADATTA_MOHANTY_DB;

use schema training_wh_schema;
```

---- view Creation

--Create Standard View

```
create view CUS_BY_PRC_VW as

SELECT C.C_CUSTKEY, COUNT(O.O_ORDERKEY) AS NUMBER, SUM (O.O_TOTALPRICE) AS TOTAL
FROM CUSTOMER C
INNER JOIN ORDERS O ON C.C_CUSTKEY=O.O_CUSTKEY
GROUP BY C.C_CUSTKEY
ORDER BY TOTAL DESC;
```

```
select * from CUS_BY_PRC_VW limit 10;
```

```
create secure view CUS_BY_PRC_SVW as

SELECT C.C_CUSTKEY, COUNT(O.O_ORDERKEY) AS NUMBER, SUM (O.O_TOTALPRICE) AS TOTAL
FROM CUSTOMER C
INNER JOIN ORDERS O ON C.C_CUSTKEY=O.O_CUSTKEY
GROUP BY C.C_CUSTKEY
ORDER BY TOTAL DESC;
```

```
select * from CUS_BY_PRC_SVW;
```

create or replace materialized view Deb_lineitem_mv as

```
select
```

```

l_returnflag,
l_linestatus,
sum(l_quantity) as sum_qty,
sum(l_extendedprice) as sum_base_price,
sum(l_extendedprice * (1-l_discount)) as sum_disc_price,
sum(l_extendedprice * (1-l_discount) * (1+l_tax)) as sum_charge,
avg(l_quantity) as avg_qty,
avg(l_extendedprice) as avg_price,
avg(l_discount) as avg_disc,
count(*) as count_order
from
    lineitem
where
    l_shipdate <= dateadd(day, -90, to_date('1998-12-01'))
group by
    l_returnflag,
    l_linestatus;

```

```
select * from Deb_lineitem_mv;
```

```
select count(*) from Deb_lineitem_mv;
```

```
select count(*) from lineitem;
```

```
delete from lineitem;
```

```
commit;
```

```
select * from lineitem;
```

```
select *  
from table(information_schema.materialized_view_refresh_history(  
    date_range_start=>dateadd(d, -1, current_date),  
    date_range_end=>current_date));
```