create database link

netocorp

connect to

batman

identified by

imbatman

using 'batmanstore.cruab1fkkswk.us-east-1.rds.amazonaws.com:1521/orcl2';

desc dim\_sku@netocorp;

CREATE SNAPSHOT LOG ON CUSTOMER

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE OR REPLACE PROCEDURE refresh\_snp

AS

BEGIN

dbms\_snapshot.refresh\_all;

END;

BEGIN

DBMS\_SCHEDULER.CREATE\_JOB

(

job\_name => 'SNP\_REF',

job\_type => 'STORED\_PROCEDURE', --'PLSQL\_BLOCK',

job\_action => 'refresh\_pro\_snp',

number\_of\_arguments => 0,

start\_date => SYSTIMESTAMP,

repeat\_interval => 'FREQ=SECONDLY;INTERVAL=1',

end\_date => NULL,

enabled => TRUE,

auto\_drop => FALSE,

comments => 'This job to refresh snapshot - product every 1 seconds'

);

END;

CREATE SNAPSHOT LOG ON ADDRESS

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE SNAPSHOT LOG ON EMPLOYEE

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE SNAPSHOT LOG ON INVENTORY

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE SNAPSHOT LOG ON ORDER\_LINE

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE SNAPSHOT LOG ON ORDERS

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE SNAPSHOT LOG ON ROLES

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

CREATE SNAPSHOT LOG ON SHIPPING\_MODE

TABLESPACE USERS

STORAGE

(INITIAL 200K

NEXT 200K

MINEXTENTS 1

MAXEXTENTS UNLIMITED

PCTINCREASE 0);

create database link

corptone

connect to

maithili

identified by

Caesar98

using 'oraclesampledb.cagjeyqcl7av.us-east-1.rds.amazonaws.com:1521/orcl';

desc geography@corptone;

CREATE SNAPSHOT INVENTORY\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM INVENTORY@corptone;

CREATE PUBLIC SYNONYM INVENTORY\_NE FOR AWSORACLE.INVENTORY\_NE;

CREATE SNAPSHOT CUSTOMER\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM CUSTOMER@corptone;

CREATE PUBLIC SYNONYM CUSTOMER\_NE FOR AWSORACLE.CUSTOMER\_NE;

CREATE SNAPSHOT ADDRESS\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM ADDRESS@corptone;

CREATE PUBLIC SYNONYM ADDRESS\_NE FOR AWSORACLE.ADDRESS\_NE;

CREATE SNAPSHOT ORDER\_LINE\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM ORDER\_LINE@corptone;

CREATE PUBLIC SYNONYM ORDER\_LINE\_NE FOR AWSORACLE.ORDER\_LINE\_NE;

CREATE SNAPSHOT ORDERS\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM ORDERS@corptone;

CREATE PUBLIC SYNONYM ORDERS\_NE FOR AWSORACLE.ORDERS\_NE;

CREATE SNAPSHOT ROLES\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM ROLES@corptone;

CREATE PUBLIC SYNONYM ROLES\_NE FOR AWSORACLE.ROLES\_NE;

CREATE SNAPSHOT SHIPPING\_MODE\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM SHIPPING\_MODE@corptone;

CREATE PUBLIC SYNONYM SHIPPING\_MODE\_NE FOR AWSORACLE.SHIPPING\_MODE\_NE;

salesvp N 2 3 12-DEC-16 S100 12-DEC-16 S100

prchasevp N 3 4 12-DEC-16 S100 12-DEC-16 S100

merchandiser N 4 5 12-DEC-16 S100 12-DEC-16 S100

CREATE SNAPSHOT SHIPPING\_MODE\_NE

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS SELECT \* FROM SHIPPING\_MODE@corptone;

CREATE SNAPSHOT EXP\_SMOOTHING\_FRCST

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS

select distinct P1.product\_id,

sysdate as frcst\_date,

case when A1.dmd\_frcst is null then 0

else A1.dmd\_frcst end as dmd\_frcst

from

(

select product\_id, sysdate frcst\_date, max(res2) as dmd\_frcst from

(SELECT product\_id, "order\_date",

quantity\_ordered ,

ROUND (NVL ((0.5 \* (quantity\_ordered - lag(res1) over (order by product\_id, "order\_date"))) + (lag(res1) over (order by product\_id, "order\_date")),quantity\_ordered),0) res2

FROM (

SELECT product\_id, "order\_date",

quantity\_ordered ,

NVL ((0.5 \* (quantity\_ordered - lag(quantity\_ordered) over (order by product\_id, "order\_date"))) + (lag(quantity\_ordered) over (order by product\_id, "order\_date")),quantity\_ordered) res1

FROM

(SELECT b.product\_id, a."order\_date" , sum(b."qty\_ordered") quantity\_ordered

from orders a, order\_line b

where a.order\_id = b.order\_id

group by product\_id, "order\_date"

)

)

)group by product\_id, res2

) A1 right outer join product p1 on p1.product\_id=A1.product\_id order by product\_id;

/\*Before Final Modification

CREATE SNAPSHOT EXP\_SMOOTHING\_FRCST

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS

select distinct P1.product\_id,

sysdate as frcst\_date,

case when A1.dmd\_frcst is null then 0

else A1.dmd\_frcst end as dmd\_frcst

from

(

select product\_id, max("order\_date") frcst\_date, res2 as dmd\_frcst from

(SELECT product\_id, "order\_date",

quantity\_ordered ,

ROUND (NVL ((0.5 \* (quantity\_ordered - lag(res1) over (order by product\_id, "order\_date"))) + (lag(res1) over (order by product\_id, "order\_date")),quantity\_ordered),0) res2

FROM (

SELECT product\_id, "order\_date",

quantity\_ordered ,

NVL ((0.5 \* (quantity\_ordered - lag(quantity\_ordered) over (order by product\_id, "order\_date"))) + (lag(quantity\_ordered) over (order by product\_id, "order\_date")),quantity\_ordered) res1

FROM

(SELECT b.product\_id, a."order\_date" , sum(b."qty\_ordered") quantity\_ordered

from orders a, order\_line b

where a.order\_id = b.order\_id

group by product\_id, "order\_date"

)

)

)group by product\_id, res2

) A1 right outer join product p1 on p1.product\_id=A1.product\_id order by product\_id;

\*/

CREATE SNAPSHOT LOST\_CUST\_BY\_LAST\_ORDER\_DT

PCTFREE 15

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

USING INDEX

PCTFREE 0

STORAGE

(INITIAL 200K

NEXT 200K

PCTINCREASE 0)

TABLESPACE USERS

REFRESH FORCE

START WITH SYSDATE NEXT SYSDATE+(1/86400) /\* 10 SECONDS \*/

AS

select

customer.customer\_id,

case when "cus\_first\_name"= "cus\_last\_name" then "cus\_first\_name"

else concat(concat("cus\_first\_name",' '),"cus\_last\_name") end as customer\_name,

max("order\_date") as last\_ordered\_date

from customer

inner join orders on orders.customer\_id=customer.customer\_id

group by

customer.customer\_id,

case when "cus\_first\_name"= "cus\_last\_name" then "cus\_first\_name"

else concat(concat("cus\_first\_name",' '),"cus\_last\_name") end

having max("order\_date")<sysdate-60;