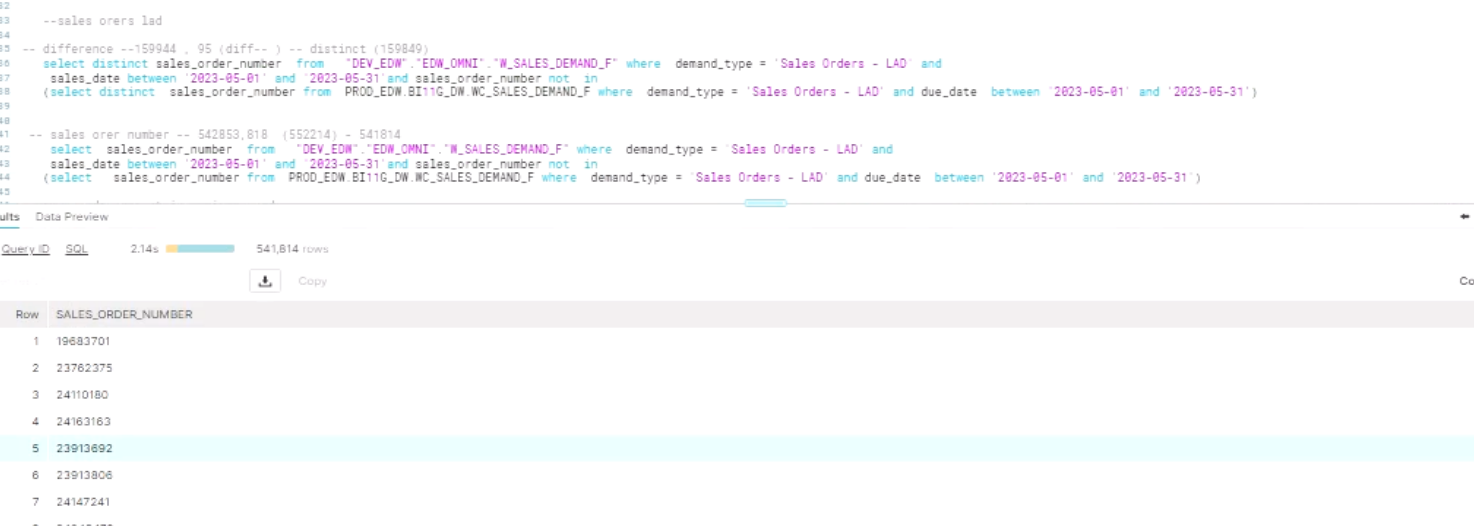
SALES\_ORDERS LAD : (RESULT AND SAMPLE NUMBERS)



Row

SALES\_ORDER\_NUMBER

1

19683701

2

23762375

3

24110180

4

24163163

5

23913692

6

23913806

7

24147241

8

24048479

9

24040197

10

24080634

11

24093382

12

24200600

13

24039718

14

24079586

15

24078353

16

24150652

17

24113925

18

24084468

19

24130172

20

24180051

CODE WITHOUT JOIN (FOR ITEMCOST AN OTHER 4 COLS)

1. Checking for the data in omni and not in prod
2. Query to check the data that is present in omni and not in prod
3. Query to check the data that is present in prod and not in omni
4. Check those records why missing in prod by checking in omni and its source
5. Example for this source number a. 24180088

Case study:

Total no of records in omni : 30(unscheduled, sales order lad)

Total no of records in prod : 80 (sales order lad (15), sales orders (15), comsumption (50)

Query to check for the consumption record:

-- consumption stage

with

plan\_demand as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_planned\_demand),

supply\_chain\_plans as (

select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_supply\_chain\_plans

),

organization\_plan as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_organization\_plans),

msc\_system as (select \* from dev\_ods.oracle\_scp.msc\_system\_items),

msd\_dp\_scn as (

select \* from dev\_ods.oracle\_scp.msd\_dp\_scn\_entries\_denorm

),

consumed\_demand as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_consumed\_demand),

order\_details as (select \* from dev\_discover.ORDER\_MGMT.stg\_oracle\_\_order\_details),

mtl\_uom\_conv as (select \* from dev\_discover.MASTER\_DATA.stg\_oracle\_\_item\_uom\_conversions),

shipped\_demand as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_shipped\_demand),

item\_safety\_stocks as (

select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_item\_saftey\_stocks

)

select \* from

supply\_chain\_plans inner join msc\_system

on supply\_chain\_plans.plan\_id = msc\_system.plan\_id

inner join consumed\_demand

on supply\_chain\_plans.plan\_id = consumed\_demand.plan\_id

and msc\_system.inventory\_item\_id = consumed\_demand.inventory\_item\_id

and msc\_system.organization\_id = consumed\_demand.organization\_id

inner join organization\_plan

on organization\_plan.plan\_id = consumed\_demand.plan\_id

and organization\_plan.organization\_id = consumed\_demand.organization\_id

and organization\_plan.sr\_instance\_id = consumed\_demand.sr\_instance\_id

and (consumed\_demand.consumed\_qty > 0)

and consumed\_demand.sales\_order\_number = '24180088'

Query to query in ods table(not present)

select \* from dev\_ods.oracle\_scp.msc\_forecast\_updates where sales\_order\_number = '24180088'

Query to check in prod and dev\_omni

---present in omni and not in prod (15)

select sales\_order\_number from "DEV\_E

sales\_date between '2023-06-01' and

(select sales\_order\_number from P

-- present in omni and prod (15)

select sales\_order\_number from "

sales\_date between '2023-06-01' and

(select sales\_order\_number from P

-- present in prod not in omni (50)

select sales\_order\_number,DEMAND\_TYP

due\_date between '2023-06-01' and '2

(select sales\_order\_number from "D

-- present inprod not in omni (15)

select sales\_order\_number,DEMAND\_TYPE

due\_date between '2023-06-01' and '2

(select sales\_order\_number from "D

and sales\_order\_number = '24180088')

-- ptesent in prod not in omni (15)

select sales\_order\_number,DEMAND\_TY

due\_date between '2023-06-01' and '2

(select sales\_order\_number from "D

and sales\_order\_number = '24180088')

-- at the end 80 in prod and 30 in omni (captured for JUNE 2023)

For demand\_type (forecast)

1. select sales\_order\_number,demand\_type from"DEV\_EDW"."EDW\_OMNI"."W\_SALES\_DEMAND\_F" where demand\_type = 'Forecast' and sales\_date between '2023-06-01' and '2023-06-30' (119,221)
2. select sales\_order\_number,demand\_type from PROD\_EDW.BI11G\_DW.WC\_SALES\_DEMAND\_F where demand\_type = 'Forecast' and due\_date between '2023-06-01' and '2023-06-30' (58269)

query to find out the records (NULL) for forecast in msc demands join

---- planned\_demand (msc\_demands)

with

plan\_demand as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_planned\_demand),

supply\_chain\_plans as (

select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_supply\_chain\_plans

),

organization\_plan as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_organization\_plans),

msc\_system as (select \* from dev\_ods.oracle\_scp.msc\_system\_items),

msd\_dp\_scn as (

select \* from dev\_ods.oracle\_scp.msd\_dp\_scn\_entries\_denorm

),

consumed\_demand as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_consumed\_demand),

order\_details as (select \* from dev\_discover.ORDER\_MGMT.stg\_oracle\_\_order\_details),

mtl\_uom\_conv as (select \* from dev\_discover.MASTER\_DATA.stg\_oracle\_\_item\_uom\_conversions),

shipped\_demand as (select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_shipped\_demand),

item\_safety\_stocks as (

select \* from dev\_discover.SUPPLY\_CHAIN.stg\_oracle\_\_item\_saftey\_stocks

),

weekly\_forecasted\_orgs as (

SELECT distinct sr\_organization\_id as sr\_organization\_id,'Y' AS weekly\_flag

FROM msd\_dp\_scn

WHERE start\_time >=(current\_date()-365)

AND BUCKET\_TYPE =2

)

select \*

from plan\_demand left outer join weekly\_forecasted\_orgs

on plan\_demand.organization\_id = weekly\_forecasted\_orgs.sr\_organization\_id

inner join msc\_system

on msc\_system.sr\_instance\_id = plan\_demand.sr\_instance\_id

and msc\_system.inventory\_item\_id = plan\_demand.inventory\_item\_id

and msc\_system.organization\_id = plan\_demand.organization\_id

and msc\_system.plan\_id = plan\_demand.plan\_id

inner join supply\_chain\_plans

on supply\_chain\_plans.plan\_id = plan\_demand.plan\_id

inner join organization\_plan

on organization\_plan.plan\_id = plan\_demand.plan\_id

and organization\_plan.organization\_id = plan\_demand.organization\_id

and organization\_plan.sr\_instance\_id = plan\_demand.sr\_instance\_id

and plan\_demand.order\_number is NULL and plan\_demand.demand\_source = 'Forecast'

and plan\_demand.using\_assembly\_demand\_date between '2023-06-01' and '2023-06-30'

in unschdule

23904442