with

salesforce\_assets as (

select

\*

,CASE

when license\_type <> 'Paid Up' and end\_date > current\_date() then 'Active'

when license\_type = 'Paid Up' then 'Inactive'

else 'Inactive'

end as active\_flag

from BI\_ANSYS.DBT\_FINANCE.FACT\_FINANCE\_ASSET

where active\_flag = 'Active'

)

,

dataframe as (

select

a.\*,

b.salesforce\_account\_name\_english,

b.salesforce\_top\_parent\_name\_english,

b.fpa\_parent,

ebs\_product\_family,

p.\*,

case --- ACTION --- UPDATE YOUR PRODUCT TYPE 1,2,3

when ebs\_product\_name like '%CREO%' then 'CREO'

when ebs\_product\_name like '%ANSYS SPEOS%' then 'Ansys'

when ebs\_product\_name like '%NX%' then 'NX'

else 'NA'

end as product\_type\_1,

case

when ebs\_product\_name like '%PREMIUM%' then 'Premium'

when ebs\_product\_name like '%ENTERPRISE%' then 'Enterprise'

when ebs\_product\_name like '%PRO%' then 'Pro'

when ebs\_product\_name like '%SOLVER%' then 'Solver'

else 'Add-on'

end as product\_type\_2,

case

when product\_type\_2 = 'Add-on' and ebs\_product\_name like '%OPTICAL PART DESIGN%' then 'Optical Part Design'

when product\_type\_2 = 'Add-on' and ebs\_product\_name like '%OPTICAL SENSOR TEST%' then 'Optical Sensor Test'

when product\_type\_2 = 'Add-on' and ebs\_product\_name like '%OPTICAL DESIGN OPTIMIZER%' then 'Optical Design Optimizer'

when product\_type\_2 = 'Add-on' and ebs\_product\_name like '%FAR INFRARED EXTENSION%' then 'Far Infrared Extension'

when product\_type\_2 = 'Add-on' and ebs\_product\_name like '%HUD DESIGN & ANALYSIS%' then 'HUD Design & Analysis'

else 'NA'

end as product\_type\_3

from salesforce\_assets a

left join DIM\_FINANCE\_SALESFORCE\_ACCOUNT b

on a.DESIGNATED\_SITE\_ANSYS\_ACCOUNT\_NUMBER = b.salesforce\_ansys\_account\_number

left join DIM\_FINANCE\_PRODUCT\_CURRENT p

on a.product\_part\_number = p.ebs\_product\_part\_number

where ebs\_product\_family = 'SPEOS' and ebs\_product\_name like '%2023%' --- ACTION --- UPDATE YOUR PRODUCT FAMILY AND FILTER CRITERIA

-- where product\_name like '%LSTC LS-DYNA%'

)

select \* from dataframe

where license\_type = 'Lease' or license\_type = 'TECS' --- ACTION --- UPDATE YOUR INTERESTED LICENSE TYPE AND SUBTYPE

and product\_type\_1 != 'NA'

and license\_sub\_type in ('-','Annual','Co-Term','ELA','Exchange','Long-Term','Pro-Rated','Short Term','Upgrade','')