---Day 6

--1.Categorize products by stock status

--(Display product\_name, a new column stock\_status whose values are based on below condition

--units\_in\_stock = 0 is 'Out of Stock'

--units\_in\_stock < 20 is 'Low Stock')

SELECT

product\_name,

CASE

WHEN units\_in\_stock = 0 THEN 'Out of Stock'

WHEN units\_in\_stock < 20 THEN 'Low Stock'

ELSE 'In Stock'

END AS stock\_status

FROM

products;

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--------------------------Checking Another Scenario-----------------------------------------

Select

e.last\_name || ' ' || e.first\_name As employee\_name,

Case

When m.employee\_id Is NULL Then 'No manager'

Else m.last\_name || ' ' || m.first\_name

End As manager\_name

From

public.employees e

Left Join

public.employees m

On e.reports\_to = m.employee\_id;

--2.Find All Products in Beverages Category

--(Subquery, Display product\_name,unitprice)

Select product\_name,

unit\_price

From public.products

Where category\_id=

(Select category\_id

From public.categories

Where category\_name = 'Beverages')

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--3.Find Orders by Employee with Most Sales

--(Display order\_id, order\_date, freight, employee\_id.

--Employee with Most Sales=Get the total no.of of orders for each employee then order by

--DESC and limit 1. Use Subquery)

Select

employee\_id,

order\_id,

order\_date,

freight

From public.orders

Where employee\_id=

(Select employee\_id

From public.orders

Group BY employee\_id

Order By Count(order\_id) Desc

Limit 1)

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--4.Find orders where for country!= ‘USA’ with freight costs higher than any order from USA.

--(Subquery, Try with ANY, ALL operators)

Select \*

From public.orders

Where ship\_country != 'USA'

And freight >(

Select Max(freight)

From public.orders

Where ship\_country = 'USA'

);

Select \*

From public.orders

Where ship\_country != 'USA'

And freight > All(

Select Max(freight)

From public.orders

Where ship\_country = 'USA'

);

Select \*

From public.orders

Where ship\_country <> 'USA'

And freight > Any(

Select Max(freight)

From public.orders

Where ship\_country = 'USA'

);

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