# **Day 05 Assignment**

**/\*1. GROUP BY with WHERE - Orders by Year and Quarter\*/**

select count(1),Extract(year from order\_date)as Order\_year, Extract(Quarter from order\_date)as Quarter,round(avg(freight)::numeric,2) as Avg\_Freight from orders

where freight>100

group by Extract(year from order\_date),Extract(Quarter from order\_date)

order by order\_year,Quarter;

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**/\*2.GROUP BY with HAVING - High Volume Ship Regions**

**Display, ship region, no of orders in each region, min and max freight cost**

**Filter regions where no of orders >= 5**

**\*/**

select ship\_region, count(1),max(freight) as Max\_freight, min(freight) as Min\_frieght from orders group by ship\_region having count(1)>5;

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**/\*3. Get all title designations across employees and customers ( Try UNION & UNION ALL)**

**\*/**

select title,count(1) from employees group by title union

select contact\_title,count(1) from customers group by contact\_title;

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**/\*4. Find categories that have both discontinued and in-stock products**

**\*/**

select \* from products;

select category\_id,product\_name from products where discontinued =1

intersect

select category\_id,product\_name from products where units\_in\_stock >0;

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**/\*5. Find orders that have no discounted items (Display the order\_id, EXCEPT)\*/**

(select order\_id from order\_details) except (select order\_id from order\_details where discount > 0);

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