DMV Assignment 3 - Queries

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Ans1:

select order_mode, order_status, count(*) from OEHR_ORDERS group by ORDER_MODE, ORDER_STATUS

```
SQL assignment 2s. Tesla Laptops (64) - ×

- - Show the break down of numbers of orders by order mode and

-- order status

-- select order_mode, order_status, count(*)

-- from OEHR_ORDERS

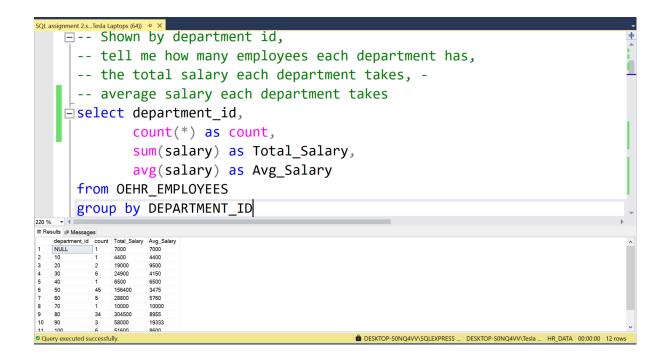
group by ORDER_MODE, ORDER_STATUS

--- in select order_status (No column name)

--- in select order_
```

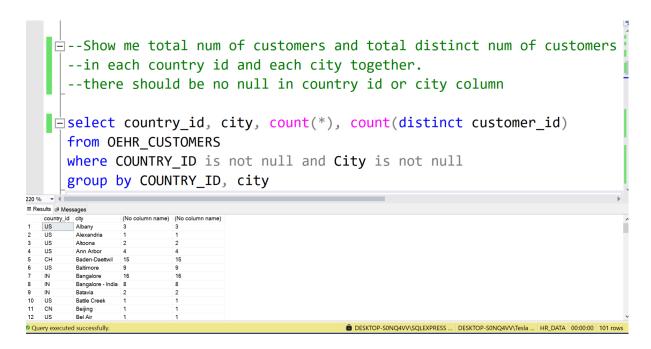
Ans 2:

```
select department_id,
count(*) as count,
sum(salary) as Total_Salary,
avg(salary) as Avg_Salary
from OEHR_EMPLOYEES
group by DEPARTMENT_ID
```



Ans 3:

select country_id, city, count(*), count(distinct customer_id) from OEHR_CUSTOMERS where COUNTRY_ID is not null and City is not null group by COUNTRY ID, city



Ans 4:

select city, count(*) as num_customers from OEHR_CUSTOMERS

where city like '%a%' or city like '%s%' group by city order by num_customers desc

Ans 5:

select sales_rep_id, count(*) as num_count from OEHR_ORDERS group by SALES_REP_ID order by num_count desc

Ans 6:

```
select year(substring(order_Date, 1, 9)),
month(substring(order_date, 1, 9)),
```

```
case
        when month(substring(order_date, 1, 9)) = '01' then 'Jan'
        when month(substring(order date, 1, 9)) = '02' then 'Feb'
        when month(substring(order_date, 1, 9)) = '03' then 'Mar'
        when month(substring(order date, 1, 9)) = '04' then 'Apr'
        when month(substring(order_date, 1, 9)) = '05' then 'May'
        when month(substring(order_date, 1, 9)) = '06' then 'Jun'
        when month(substring(order date, 1, 9)) = '07' then 'Jul'
        when month(substring(order date, 1, 9)) = '08' then 'Aug'
        when month(substring(order_date, 1, 9)) = '09' then 'Sep'
        when month(substring(order_date, 1, 9)) = '10' then 'Oct'
        when month(substring(order_date, 1, 9)) = '11' then 'Nov'
        else 'Dec'
        END AS Month_name,
        count(*)
from oehr orders
where month(substring(order_date, 1, 9)) != '04'
group by year(substring(order date, 1, 9)),
     month(substring(order_date, 1, 9))
    \dot{arphi} -- give me total num of orders in each year and in each month togther
      -- excluding month april in every year
    month(substring(order_date, 1, 9)),
             when month(substring(order_date, 1, 9)) = '01' then 'Jan'
             when month(substring(order_date, 1, 9)) = '02' then 'Feb'
             when month(substring(order_date, 1, 9)) = '03' then 'Mar'
             when month(substring(order_date, 1, 9)) = '04' then 'Apr'
             when month(substring(order date, 1, 9)) = '05' then 'May'
             when month(substring(order_date, 1, 9)) = '06' then 'Jun'
             when month(substring(order_date, 1, 9)) = '07' then 'Jul'
             when month(substring(order_date, 1, 9)) = '08' then 'Aug'
             when month(substring(order_date, 1, 9)) = '09' then 'Sep'
             when month(substring(order_date, 1, 9)) = '10' then 'Oct'
             when month(substring(order_date, 1, 9)) = '11' then 'Nov'
             else 'Dec'
             END AS Month_name,
             count(*)
      from oehr_orders
      where month(substring(order date, 1, 9)) != '04'
```

group by year(substring(order date, 1, 9)),

month(substring(order_date, 1, 9))

	(No column name)	(No column name)	Month_name	(No column name)
1	2011	1	Jan	3
2	2020	1	Jan	3
3	2021	1	Jan	3
4	2019	2	Feb	1
5	2020	2	Feb	9
6	2019	3	Mar	1
7	2020	3	Mar	8
8	2019	5	May	2
9	2020	5	May	14
10	2018	6	Jun	2
11	2020	6	Jun	3
12	2018	7	Jul	3
13	2020	7	Jul	1
14	2018	8	Aug	1
15	2019	8	Aug	3
16	2020	8	Aug	4
17	2016	9	Sep	1
18	2017	9	Sep	1
19	2018	9	Sep	1
20	2019	9	Sep	6
21	2020	9	Sep	1
22	2019	10	Oct	1
23	2019	11	Nov	8
24	2020	11	Nov	6
25	2019	12	Dec	13
26	2020	12	Dec	3

Ans 7: select distinct postal_code from oehr_Customers

Ans 8:

```
select DEPARTMENT_ID,count(*) as Depart_count_zerocommission from OEHR_EMPLOYEES where COMMISSION_PCT is null or COMMISSION_PCT= '0' group by DEPARTMENT_ID
```

Ans 9

select substring(phone_number,1,6),count(*) from OEHR_CUSTOMERS group by substring(phone_number,1,6)

SELECT LEFT(phone_number, 6) AS FIRST_SIX_CHARACTERS, COUNT(*) FROM OEHR_CUSTOMERS GROUP BY LEFT(PHONE_NUMBER, 6);

```
| Color | Colo
```