**Credit Card Sales SQL Query**

1. **Credit Card Customer Report**

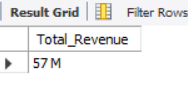
* **KPI’s**

1. **Total Revenue**

**with revenue as (select \* from credit\_card union select \* from cc\_add)**

**select concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue**

**from revenue ;**

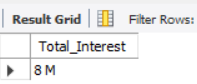
****

1. **Total Interest**

**with interest as (select \* from credit\_card union select \* from ccadd)**

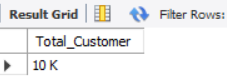
**select concat(round(sum(Interest\_Earned)/1000000,0)," M") as Total\_Interest**

**from interest;**

****

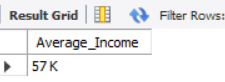
1. **Total Customer**

**select concat(round(count(\*)/1000,0)," K") as Total\_Customer from customer;**

****

1. **Average Income**

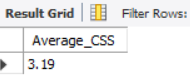
**select concat(round(avg(Income)/1000,0)," K") as Average\_Income from customer;**

****

1. **Average Customer Satisfaction Rate**

**with CSS as (select \* from customer union select \* from cust\_add)**

**select round(avg(Cust\_Satisfaction\_Score),2) as Average\_CSS from CSS;**

****

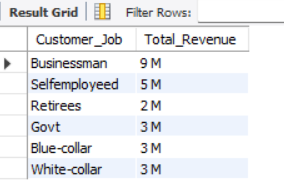
* **Job Category wise Revenue**

**with job as (select \* from credit\_card union select \* from cc\_add)**

**select Customer\_Job ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue**

**from job join customer on customer.Client\_Num = job.Client\_Num**

**where Gender = "F" group by Customer\_Job ;**

****

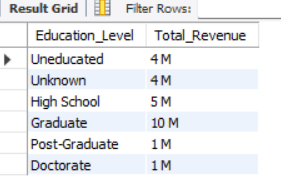
* **Revenue by Education Level**

**with edu as (select \* from credit\_card union select \* from cc\_add)**

**select Education\_Level ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue**

**from edu join customer on customer.Client\_Num = edu.Client\_Num**

**where Gender = "F" group by Education\_Level ;**

****

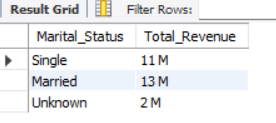
* **Marital Status wise Revenue**

**with marital as (select \* from credit\_card union select \* from cc\_add)**

**select Marital\_Status ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue**

**from marital join customer on customer.Client\_Num = marital.Client\_Num**

**where Gender = "F" group by Marital\_Status ;**

****

* **Top 5 States by Revenue**

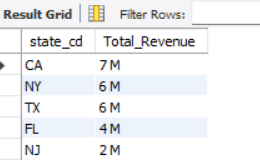
**with state as (select \* from credit\_card union select \* from cc\_add)**

**select state\_cd ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue**

**from state join customer on customer.Client\_Num = state.Client\_Num**

**where Gender = "F" group by state\_cd**

**order by Total\_Revenue desc limit 5;**

****

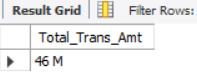
1. **Credit Card Transaction Report**

* **KPI’s**

1. **Total Transfer Amount**

**with amount as (select \* from credit\_card union select \* from cc\_add)**

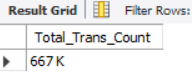
**select concat(round(sum(Total\_Trans\_Amt)/1000000,0)," M") as Total\_Trans\_Amt from amount;**

****

1. **Total Transfer Count**

**with Trans\_count as (select \* from credit\_card union select \* from cc\_add)**

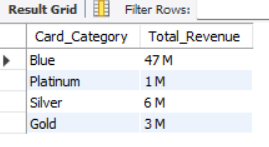
**select concat(round(sum(Total\_Trans\_Vol)/1000,0)," K") as Total\_Trans\_Count from Trans\_count;**

****

* **Revenue by Card Category**

**with category as (select \* from credit\_card union select \* from cc\_add)**

**select Card\_Category ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue from category group by Card\_Category;**

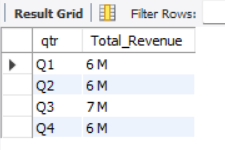
****

* **Quarterly Revenue by Male and Female**

**with Rev\_Month as (select \* from credit\_card union select \* from cc\_add)**

**select qtr,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue**

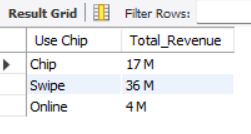
**from Rev\_Month join customer on customer.Client\_Num = Rev\_Month.Client\_Num where Gender = "F" group by qtr ;**

****

* **Revenue by Use Chip**

**with chip as (select \* from credit\_card union select \* from cc\_add)**

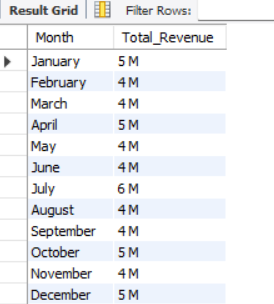
**select `Use Chip` ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue from chip group by `Use Chip`;**

****

* **Monthly Revenue**

**with Rev\_Month as (select \* from credit\_card union select \* from cc\_add)**

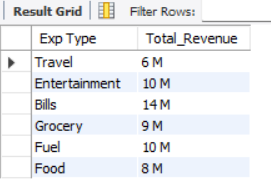
**select monthname(Date) ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue from Rev\_Month group by monthname(Date);**

****

* **Total Expenses**

**with exp as (select \* from credit\_card union select \* from cc\_add)**

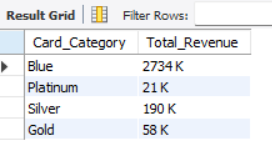
**select `Exp Type` ,concat(round(sum(Revenue)/1000000,0)," M") as Total\_Revenue from exp group by `Exp Type`;**

****

* **Annual Fees by Card Category**

**with fee as (select \* from credit\_card union select \* from cc\_add)**

**select Card\_Category ,concat(round(sum(Annual\_Fees)/1000,0)," K") as Total\_Revenue from fee group by Card\_Category;**

****