

CREDIT CARD

**Weekly Status
Report**

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OBJECTIVE

To develop a comprehensive credit card weekly dashboard that provides real-time insights into key performance metrics and trends, enabling stakeholders to monitor and analyze credit card operations effectively.

IMPORT DATA TO SQL DATABASE

- 1.Prepare csv file**
- 2.Create tables in SQL**
- 3 import csv file into SQL**

CONTENTS

- 01 Prepare CSV file**
- 02 Create tables in MySQL**
- 03 import CSV file in MySQL**

Key Performing Indicators

55.32M

Revenue

7.84M

Interest Earned

45M

Sum of transaction amount

10.11 K

To number of transaction
amount

DAX QUERIES USED IN POWER BI

```
1 Age_Group = SWITCH( TRUE(),  
2 'creditcarddb cust_detail'[Customer_Age]<=30,"20-30",  
3 'creditcarddb cust_detail'[Customer_Age]>=30 && 'creditcarddb cust_detail'[Customer_Age]<=40,"30-40",  
4 'creditcarddb cust_detail'[Customer_Age]>=40 && 'creditcarddb cust_detail'[Customer_Age]<=50,"40-50",  
5 'creditcarddb cust_detail'[Customer_Age]>=50 && 'creditcarddb cust_detail'[Customer_Age]<=60,"50-60",  
6 'creditcarddb cust_detail'[Customer_Age]>60,"60+",  
7 "UNKNOWN"  
8 )
```

```
1 Income-Group = SWITCH(TRUE(),  
2 'creditcarddb cust_detail'[Income]<=35000, "Low",  
3 'creditcarddb cust_detail'[Income]>=35000 && 'creditcarddb cust_detail'[Income]<=70000, "Medium",  
4 'creditcarddb cust_detail'[Income]>=70000, "High",  
5 "Unknown"  
6 )
```

DAX QUERIES USED IN POWER BI

```
1 WeekNum2 = WEEKNUM('creditcarddb credit_card'[Week_Start_Date])
```

```
Current_week_Revenue = CALCULATE(  
    SUM('creditcarddb credit_card'[Revenue]),  
    FILTER(  
        ALL('creditcarddb credit_card'),  
        'creditcarddb credit_card'[WeekNum2] = MAX('creditcarddb credit_card'[WeekNum2])  
    )  
)
```

```
Revenue = 'creditcarddb credit_card'[Annual_Fees] + 'creditcarddb credit_card'[Interest_Earned] + 'creditcarddb credit_card'[Total_Trans_Amt]
```


DATA INSIGHTS IN POWER BI

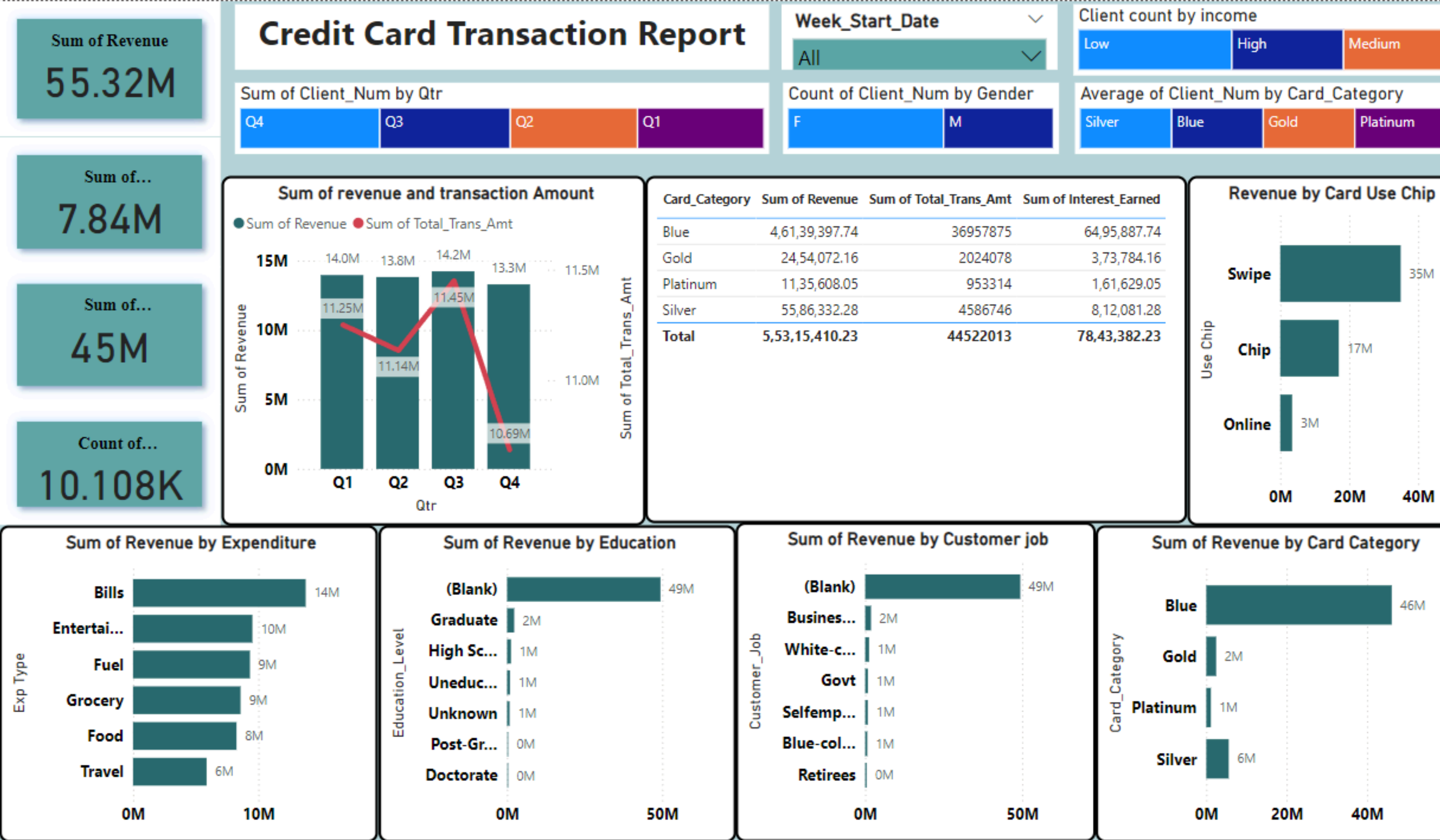
Credit card financial dashboard using Power BI:

Developed an interactive dashboard using transaction and customer data from a SQL database, to provide real-time insights.

Streamlined data processing & analysis to monitor key performance metrics and trends.

Shared actionable insights with stakeholders based on dashboard findings to support decision-making processes.

CREDIT CARD TRANSACTION REPORT



CUSTOMER CREDIT CARD REPORT

Credit Card Customer Report

Week_Start_Date

All

Client count by income

Low Low

High High

Medium Medium

Revenue

45M

Total Interest

7.84M

Income

61M

CSS

2.12

Average of Client_Num by Card_Category

Silver

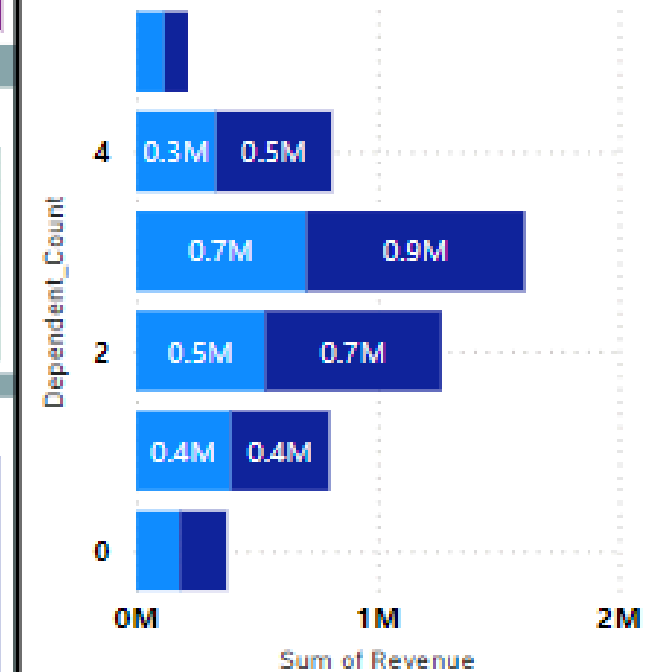
Blue

Gold

Platinum

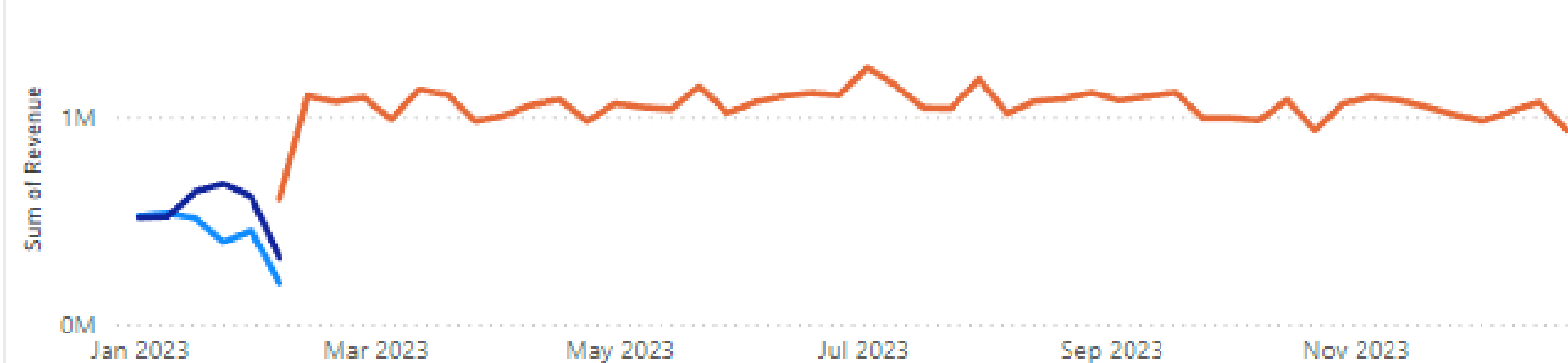
Revenue by Dependent Count

Gender (Blank) F M



Sum of Revenue by Year, Quarter, Month, Day and Gender

Gender (Blank) F M



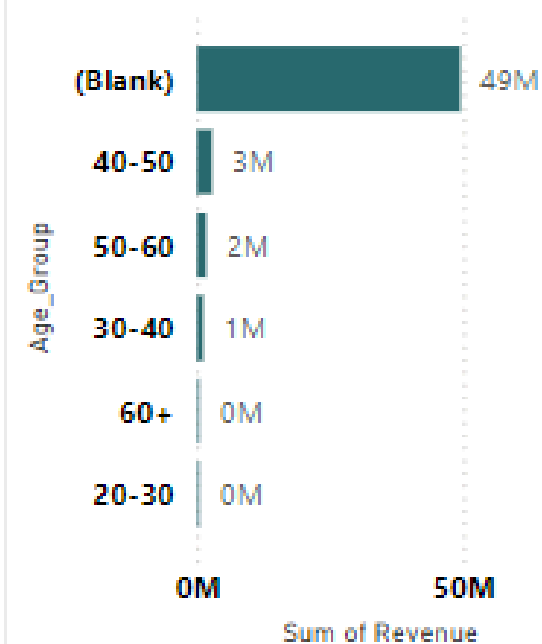
Income by Gender



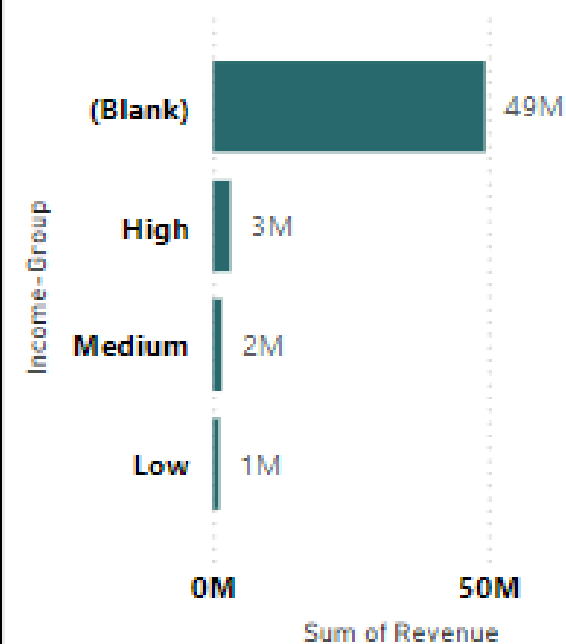
Count of Male and Female



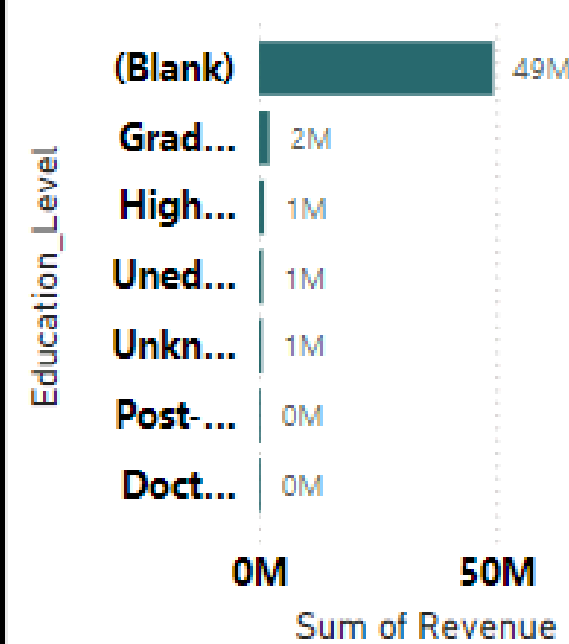
Revenue by Age Group



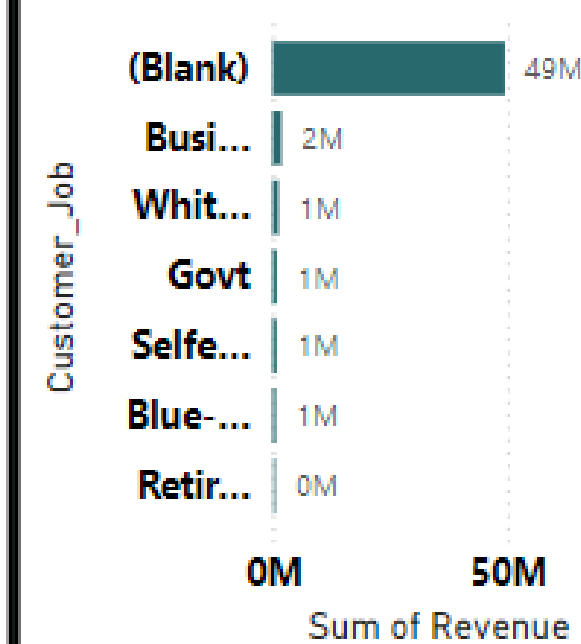
Revenue by Age group income



Revenue by Education Level



Revenue by Customer Job



Revenue by Top five states

