

# CREDIT CARD

## WEEKLY STATUS REPORT



# **Project 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



Data Output	Messages	Notifications
COPY 10108		
Query returned successfully in 82 msec.		

# DAX Queries

```
AgeGroup = SWITCH(  
TRUE(),  
'public cust_detail'[customer_age] < 30, "20-30",  
'public cust_detail'[customer_age] >= 30 && 'public  
cust_detail'[customer_age] < 40, "30-40", 'public  
cust_detail'[customer_age] >= 40 && 'public  
cust_detail'[customer_age] < 50, "40-50", 'public  
cust_detail'[customer_age] >= 50 && 'public  
cust_detail'[customer_age] < 60, "50-60", 'public  
cust_detail'[customer_age] >= 60, "60+",  
"unknown"  
)
```

```
IncomeGroup = SWITCH( TRUE(),  
'public cust_detail'[income] < 35000, "Low",  
'public cust_detail'[income] >= 35000 && 'public  
cust_detail'[income] <70000, "Med", 'public  
cust_detail'[income] >= 70000, "High",  
"unknown"  
)
```

# DAX Queries

**week\_num2** = WEEKNUM('public cc\_detail'[week\_start\_date])

**Revenue** = 'public cc\_detail'[annual\_fees] + 'public cc\_detail'[total\_trans\_amt] + 'public cc\_detail'[interest\_earned]

**Current\_week\_Revenue** = CALCULATE( SUM('public cc\_detail'[Revenue]), FILTER( ALL('public cc\_detail'), 'public cc\_detail'[week\_num2] = MAX('public cc\_detail'[week\_num2]))))

**Previous\_week\_Revenue** = CALCULATE( SUM('public cc\_detail'[Revenue]), FILTER( ALL('public cc\_detail'), 'public cc\_detail'[week\_num2] = MAX('public cc\_detail'[week\_num2])-1))

## **Project Insights- Week 53 (31<sup>st</sup> Dec)**

WoW change:

- Revenue increased by 28.8%,
- Total transaction amount increased by 35.04% week by week

Overview YTD:

- Overall revenue is 57M
- Total interest is 8M
- Total transaction amount is 46M
- Male customers are contributing more in revenue 31M, female 26M
- Blue & Silver credit card are contributing to 93% of overall transactions
- TX, NY & CA is contributing to 68%
- Overall Activation rate is 57.5%
- Overall Delinquent rate is 6.06%