# CREDIT CARD
# TRANSACTION 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. 2. Create tables in SQL
3. 3. import csv file into SQL

# 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(

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SUM('public cc_detail'[Revenue]),
FILTER(
ALL('public cc_detail'),
'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))
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- Previous_week_Revenue = CALCULATE(

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SUM('public cc_detail'[Revenue]),
FILTER(
ALL('public cc_detail'),
'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])-1))
```

# 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%