CREDIT CARD STATUS REPORT STEPS:

I have 4 CSV files named:

1.credit_card

2.customer

3.cc_add (contains additional data for updating credit_card table)

4.cust_add (contains additional data for updating customer table)

Import data to SQL database

Step 1. csv file

Step 2. Create tables in SQL

Step 3. import csv file into SQL

NOTE: Separately Attached SQL file for creation and import csv file into SQL.

Step 4. Load SQL data into Power Bi

Step 5. DAX Queries used:

1.

```
Car Owner = COUNTAX(FILTER('cust_detail', 'cust_detail'[Car_Owner] = "Yes"), 'cust_detail'[Client_Num])
```

2.

```
Count_Marital_Status_Yes = COUNTAX(FILTER('cust_detail', 'cust_detail'[Marital_Status] = "Yes"), 'cust_detail'[Client_Num])
```

3.

```
Current_week_revenue = CALCULATE(
SUM('cc_detail'[Revenue]),
FILTER( ALL('cc_detail'), 'cc_detail'[week_num2] = MAX('cc_detail'[week_num2])))
```

4. House Owner = COUNTAX(FILTER('cust_detail', 'cust_detail'[House_Owner] = "Yes"), 'cust_detail'[Client_Num])

5. Personal Loan = COUNTAX(FILTER('cust_detail', 'cust_detail'[Personal_Loan] = "Yes"), 'cust_detail'[Client_Num])

6.

Previous_week_Revenue = CALCULATE(

SUM('cc_detail'[Revenue]),

FILTER(

ALL('cc_detail'),

'cc_detail'[week_num2] = MAX('cc_detail'[week_num2])-1))

7. Revenue = 'cc_detail'[annual_fees] + 'cc_detail'[total_trans_amt] + 'cc_detail'[interest_earned]

8. week_num2 = WEEKNUM('cc_detail'[Week_Start_Date])

9. wow_revenue = DIVIDE(([Current_week_revenue][Previous_week_Revenue]),[Previous_week_Revenue])

10.

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

11. IncomeGroup = SWITCH(TRUE(),'cust_detail'[Income]<35000,"Low",

'cust_detail'[Income]>= 35000 && 'cust_detail'[Income]<70000,"Med",

'cust_detail'[Income]>=70000,"High",

"unknown")