1. Add New col: import customer, credit card both csv data

AgeGroup =

SWITCH(

    TRUE(),

    'customer'[Customer\_Age] < 30, "20-30",

    'customer'[Customer\_Age] < 40, "30-40",

    'customer'[Customer\_Age] < 50, "40-50",

    'customer'[Customer\_Age] < 60, "50-60",

    'customer'[Customer\_Age] >= 60, "60+",

    "unknown"

)

1. Income group

IncomeGroup =

SWITCH(

    TRUE(),

    'customer'[Income] < 35000, "Low",

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

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

    "unknown"

)

1. Total revenue in credit card data

Revenue = 'card\_credit'[Annual\_Fees]+'card\_credit'[Interest\_Earned]+'card\_credit'[Total\_Trans\_Amt]

1. Week num col for sorting in asending order

WEEK\_NO2 = WEEKNUM('card\_credit'[Week\_Start\_Date])

New Measures

Current\_week\_Revenue =

CALCULATE(

    SUM('card\_credit'[Revenue]),

    FILTER(

        ALL('card\_credit'),

        'card\_credit'[WEEK\_NO2] = MAX('card\_credit'[WEEK\_NO2])

    )

)

Postgressql

CREATE DATABASE ccdb

-- credit card details

CREATE TABLE cc\_detail (

Client\_Num INT,

Card\_Category VARCHAR(20),

Annual\_Fees INT,

Activation\_30\_Days INT,

Customer\_Acq\_Cost INT,

Week\_Start\_Date DATE,

Week\_Num VARCHAR(20),

Qtr VARCHAR(10),

current\_year INT,

Credit\_Limit DECIMAL(10,2),

Total\_Revolving\_Bal INT,

Total\_Trans\_Amt INT,

Total\_Trans\_Ct INT,

Avg\_Utilization\_Ratio DECIMAL(10,3),

Use\_Chip VARCHAR(10),

Exp\_Type VARCHAR(50),

Interest\_Earned DECIMAL(10,3),

Delinquent\_Acc VARCHAR(5)

);

-- customer details

CREATE TABLE cust\_detail (

Client\_Num INT,

Customer\_Age INT,

Gender VARCHAR(5),

Dependent\_Count INT,

Education\_Level VARCHAR(50),

Marital\_Status VARCHAR(20),

State\_cd VARCHAR(50),

Zipcode VARCHAR(20),

Car\_Owner VARCHAR(5),

House\_Owner VARCHAR(5),

Personal\_Loan VARCHAR(5),

Contact VARCHAR(50),

Customer\_Job VARCHAR(50),

Income INT,

Cust\_Satisfaction\_Score INT

);

COPY cc\_detail

FROM 'D:\PowerBI Projects-SAWAIRA\Credit Card Dashboard\credit\_card.csv'

DELIMITER ','

CSV HEADER;

COPY cust\_detail

FROM 'D:\PowerBI Projects-SAWAIRA\Credit Card Dashboard\customer.csv'

DELIMITER ','

CSV HEADER;

Add more data

SELECT \* FROM cc\_detail;

COPY cc\_detail

FROM 'D:/cc\_add.csv'

DELIMITER ','

CSV HEADER;