DAX Queries for Credit Card Dashboard

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"

)

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_Reveneue = CALCULATE(

SUM('public cc_detail'[Revenue]),

FILTER(

ALL('public cc_detail'),

'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))

Previous_week_Reveneue = CALCULATE(

SUM('public cc_detail'[Revenue]),

FILTER(

ALL('public cc_detail'),

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

wow_revenue = DIVIDE(([Current_week_Revenue]-[Previous_week_Revenue]),[Previous_week_Revenue])

previous_week_trans_ct = CALCULATE(

   SUM('public cc_detail'[total_trans_ct]),

   FILTER(

      all('public cc_detail'),

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

current_week_trans_ct = CALCULATE(

SUM('public cc_detail'[total_trans_ct]),

FILTER(

all('public cc_detail'),

'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))

wow_trans_ct = DIVIDE(([current_week_trans_ct]-
[previous_week_trans_ct]),[previous_week_trans_ct])

Previous_week_trans_amt = CALCULATE(

SUM('public cc_detail'[total_trans_amt]),

FILTER(

all('public cc_detail'),

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

Current_week_trans_amt = CALCULATE(

SUM('public cc_detail'[total_trans_amt]),

FILTER(

all('public cc_detail'),

'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))

wow_trans_amt = DIVIDE(([Current_week_trans_amt]-
[Previous_week_trans_amt]),[Previous_week_trans_amt])

previous_week_Interest_Earned = CALCULATE(

SUM('public cc_detail'[interest_earned]),

FILTER(

all('public cc_detail'),

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

Current_week_Interest_earned = CALCULATE(

    SUM('public cc_detail'[interest_earned]),

    FILTER(

      all('public cc_detail'),

      'public cc_detail'[week_num2] = MAX('public cc_detail'[week_num2])))

wow_interest_earned = DIVIDE(([Current_week_Interest_earned]-[previous_week_Interest_Earned]),[previous_week_Interest_Earned])