

# **CREDIT CARD WEEKLY STATUS REPORT**

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## **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

## 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 && 'publiccust_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))
```