

## CREDIT CARD WEEKLY STATUS REPORT

Dashboard link:[https://app.powerbi.com/links/fMyh6qlUCj?ctid=7e2137dd-6ef9-46eb-974e-5086fd7cdd20&pbi\\_source=linkShare](https://app.powerbi.com/links/fMyh6qlUCj?ctid=7e2137dd-6ef9-46eb-974e-5086fd7cdd20&pbi_source=linkShare)

### Project Objective

To create an all-inclusive weekly credit card dashboard that delivers real-time insights into crucial performance metrics and trends, allowing stakeholders to efficiently monitor and analyze credit card operations.

### Import data to Microsoft SQL database

1. Prepare csv file
2. Create tables in mySQL
3. import csv file into mySQL

### DAX Queries

#### Age group

```
age_group = switch(
    true(),
    customer[Customer_Age]<30,"20-30",
    customer[Customer_Age]>=30 && customer[Customer_Age]<40,"30-40",
    customer[Customer_Age]>=40 && customer[Customer_Age]<50,"40-50",
    customer[Customer_Age]>=50 && customer[Customer_Age]<60,"50-60",
    customer[Customer_Age]>=60,"60+", "unknown")
```

#### Income group

```
income_group = switch(
    true(),
    customer[Income]<35000, "Less than 35000",
    customer[Income]>=35000 && customer[Income]<70000,"35000-70000",
    customer[Income]>=70000, "Above 70000", "unknown"
)
```

Revenue

Revenue = credit\_card[Annual\_Fees]+credit\_card[Total\_Trans\_Amt]+credit\_card[Interest\_Earned]

Current week revenue

Week\_num2

week\_num2 = WEEKNUM(credit\_card[Week\_Start\_Date])

Week on week Revenue

week\_Revenue = calculate(  
 sum(credit\_card[Revenue]),  
 filter(  
 all(credit\_card),credit\_card[week\_num2]=max(credit\_card[week\_num2])))

Previous week revenue

Previous\_week\_Revenue = calculate(  
 sum(credit\_card[Revenue]),  
 filter(  
 all(credit\_card),credit\_card[week\_num2]=max(credit\_card[week\_num2])-1))

Revenue change percentage

wow\_revenue\_change = divide((week\_Revenue)-  
[Previous\_week\_Revenue],[Previous\_week\_Revenue])

Project Insight (Week 52)

WoW change:

- Revenue decreased by 12.8%

Overview:

- Overall revenue is 55M
- Total interest is 8M

- Total transaction amount is 45M
- Male customers are contributing more in revenue 30M, female 25M
- Blue & Silver credit card are contributing to 93% of overall

transactions

Credit card financial dashboard using Power BI:

- Developed an interactive dashboard using transaction and customer data from a SQL database, to provide real-time insights.
- Streamlined data processing & analysis to monitor key performance metrics and trends.
- Shared actionable insights with stakeholders based on dashboard findings to support decision-making processes.