

# Step - 1.

## Imported Data to SQL Data Base

1. Prepare a CSV file.
2. Create tables in SQL.
3. Import CSV file into SQL.

**Note:** When working in a company, we usually receive data from other sources or through a data pipeline, allowing us to open it directly in our SQL database. However, in this case, we are handling this process manually.

I am using the Credit\_Card.csv file for the Credit Card Transaction Dashboard.

### Steps to follow in Database

1. Create database > Add Table > Direct copy credit\_card.csv file or Import the data manually.

# Step - 2

## Fetch the data from MySQL to Power BI.

1. We will reform and perform the DAX query and create a Measure depending on the Key metric.

# Step - 3

## Create Measure

```
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])))
```

```
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])))
```

# Step - 4

Dashboard - Link of Dashboard - (In comment section)

Imp Measure :

- Revenue
- Week on Week (Wow) Comparison
- Current\_week\_revenue
- Previous week revenue
- QTR Revenue and Total Transaction
- Revenue by ExpenditureType
- Revenue by Education Level
- Revenue by Customer Job
- Revenue by Card\_Category
- Revenue by Use Chip
- Card Table

## Project Insights- Week 53 (31st Dec)

WoW change:

- Revenue increased by 28.8%,
- Total Transaction Amt & Count increased by xx% & xx%
- Customer count increased by xx% Overview YTD:
- Overall revenue is 57M • Total interest is 8M
- Total transaction amount is 46M
- Male customers are contributing more in revenue 31M, female 26M
- Blue & Silver credit card are contributing to 93% of overall transactions
- TX, NY & CA is contributing to 68%
- Overall Activation rate is 57.5%
- Overall Delinquent rate is 6.06%