



Power BI Project :

# Credit Card Report Analysis

Guidance : [Rishabh Mishra](#)



# Agenda

Dashboards

Problems faced while doing this project

# Dashboards



## Credit Card Transaction Report

Dashboard 1

Dashboard 2

57M

Total Revenue

7.98M

Total Interest

46M

Transaction Amount

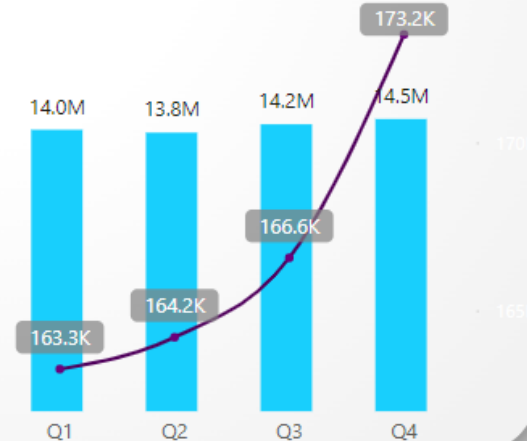
667K

Transaction Count

Card_Category	Sum of Revenue	Sum of Total_Trans_Amt	Sum of Interest_Earned
Blue	47188612	37840749	66,14,172.62
Gold	2533682	2091362	3,84,755.16
Platinum	1135608	953314	1,61,629.05
Silver	5659109	4647596	8,21,922.98
Total	56517011	45533021	79,82,479.81

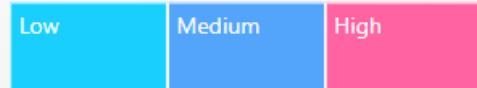
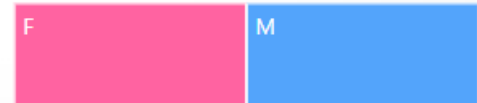
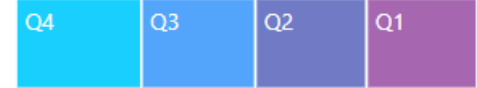
### Qtr Revenue & Transaction Count

Sum of Revenue Sum of Total\_Trans\_Ct

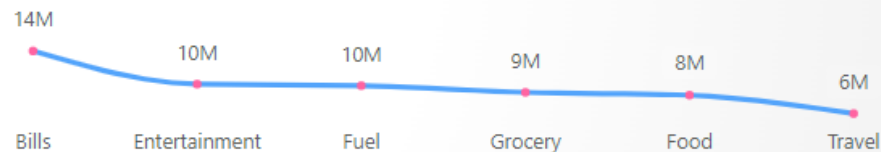


Week Start Date

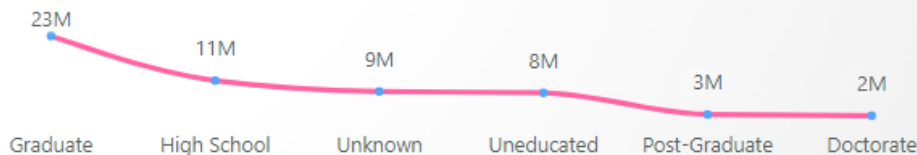
All



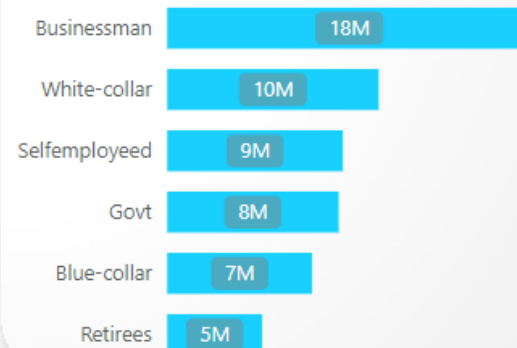
### Revenue by Expenditure Type



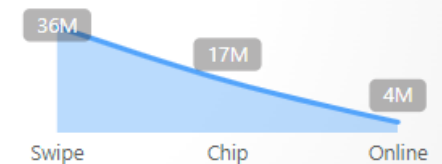
### Revenue by Education



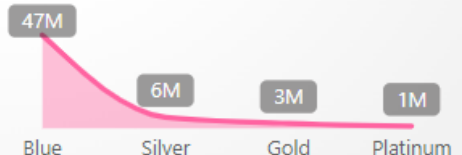
### Sum of Revenue by Customer\_Job



### Revenue by Use Chip



### Customer Acq Cost





# Credit Card Customer Report

Dashboard 1

Dashboard 2

Week Start Date

All

Q4

Q3

Q2

Q1

F

M

Gold

Silver

Blue

Platinum

Low

Medium

High

Education Level

F M

Graduate

10M

12M

High Sch...

5M

6M

Unknown

4M

4M

Uneduca...

4M

4M

Post-Gra...

4M

4M

Doctorate

4M

4M

Revenue by Age Group and Gender

F M

60+

50-60

40-50

30-40

20-30

9M

10M

11M

14M

4M

6M

Customer\_Job

Sum of Revenue

Sum of Total\_Trans\_Amt

Sum of Income

Blue-collar

7040606

5602930

73516911

Businessman

17697472

14538883

190350431

Govt

8335534

6701573

90834727

Retirees

4617448

3689646

49619308

Selfemployed

8542826

6640301

77659931

White-collar

10283124

8359688

105618475

Total

56517011

45533021

587599783

Revenue by Gender

F M

Revenue

0.8M

0.6M

0.4M

Jan 2023

Apr 2023

Jul 2023

Oct 2023

Top 5 States

F M

TX

6M

7M

NY

6M

7M

CA

7M

6M

FL

4M

6M

NJ

3M

Marital Status

F M

Married

12M

15M

Single

10M

12M

Unknown

4M

4M

Salary Group

F M

High

7M

21M

Med...

8M

7M

Low

10M

Dependent Count

F M

2.0M

1.9M

4.9M

4.3M

7.7M

6.9M

8.5M

6.4M

4.7M

3.7M

1.2M

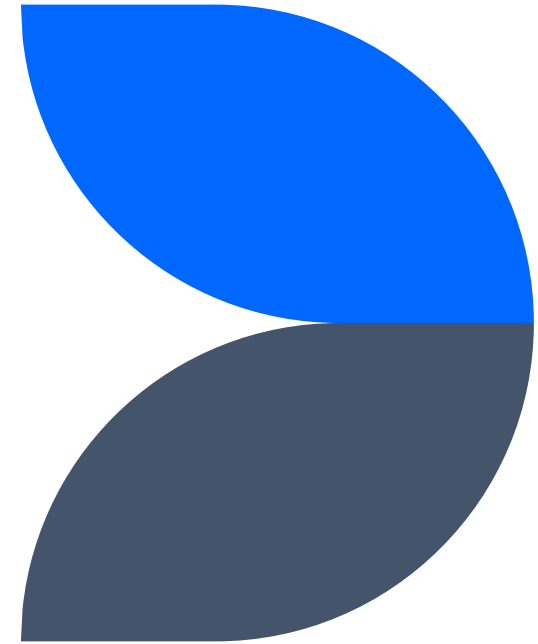
1.0M

# Problems faced while doing this project

1. Copying CSV file's data in created table in MySQL
  - a) Query Not working given by "Rishabh Sir"
  - b) Date Error - "Error Code: 1292. Incorrect date value".
  - c) Secure file priv error – "# Error Code: 1290. The MySQL server is running with the -- secure-file-priv option so it cannot execute this statement".
2. MySQL Server connection error.

# Problem 1

Copying CSV file's data in created table in MySQL



# Data copying Query problem

Query given by Rishabh sir in his SQL file was not working in MySQL.

So I tried to copy Data from csv file using different query.

```
COPY cust_detail  
FROM 'D:\customer.csv'  
DELIMITER ',' ;  
CSV HEADER;
```

← This query doesn't work in MySQL

```
-----  
LOAD DATA INFILE 'C:\Credit card project\customer.csv'  
INTO TABLE cust_detail  
FIELDS TERMINATED BY ','  
ENCLOSED BY ''  
LINES TERMINATED BY '\n'  
IGNORE 1 ROWS;
```

This query worked



## b) Date Error - “Error Code: 1292.Incorrect date value”.

Solution :

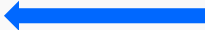
To solve this error I imported csv file in Excel and changed date format from ‘ dmy ’ to ‘ ymd ’ of ‘ week\_start\_date ’ column.

## c) Secure file priv error – “# Error Code: 1290. The MySQL server is running with the --secure-file-priv option so it cannot execute this statement”.

Solution :

- 1) Go to - C:\ProgramData\MySQL\MySQL Server 8.0\my
- 2) Make below change in ‘my’ file.

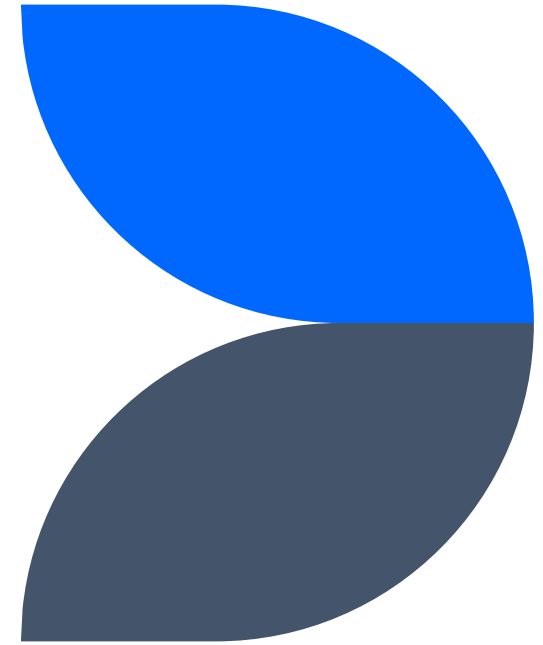
```
# This variable is used to limit the effect of data import and export operations, such as  
# those performed by the LOAD DATA and SELECT ... INTO OUTFILE statements and the  
# LOAD_FILE() function. These operations are permitted only to users who have the FILE privilege.  
#secure-file-priv="C:/ProgramData/MySQL/MySQL Server 8.0/Uploads"  
secure-file-priv=""
```



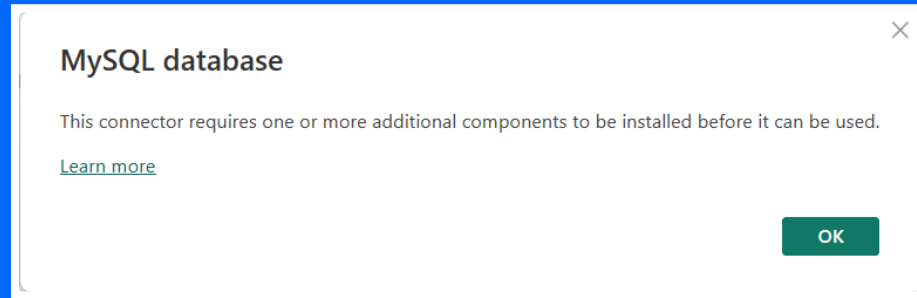


# Problem 2

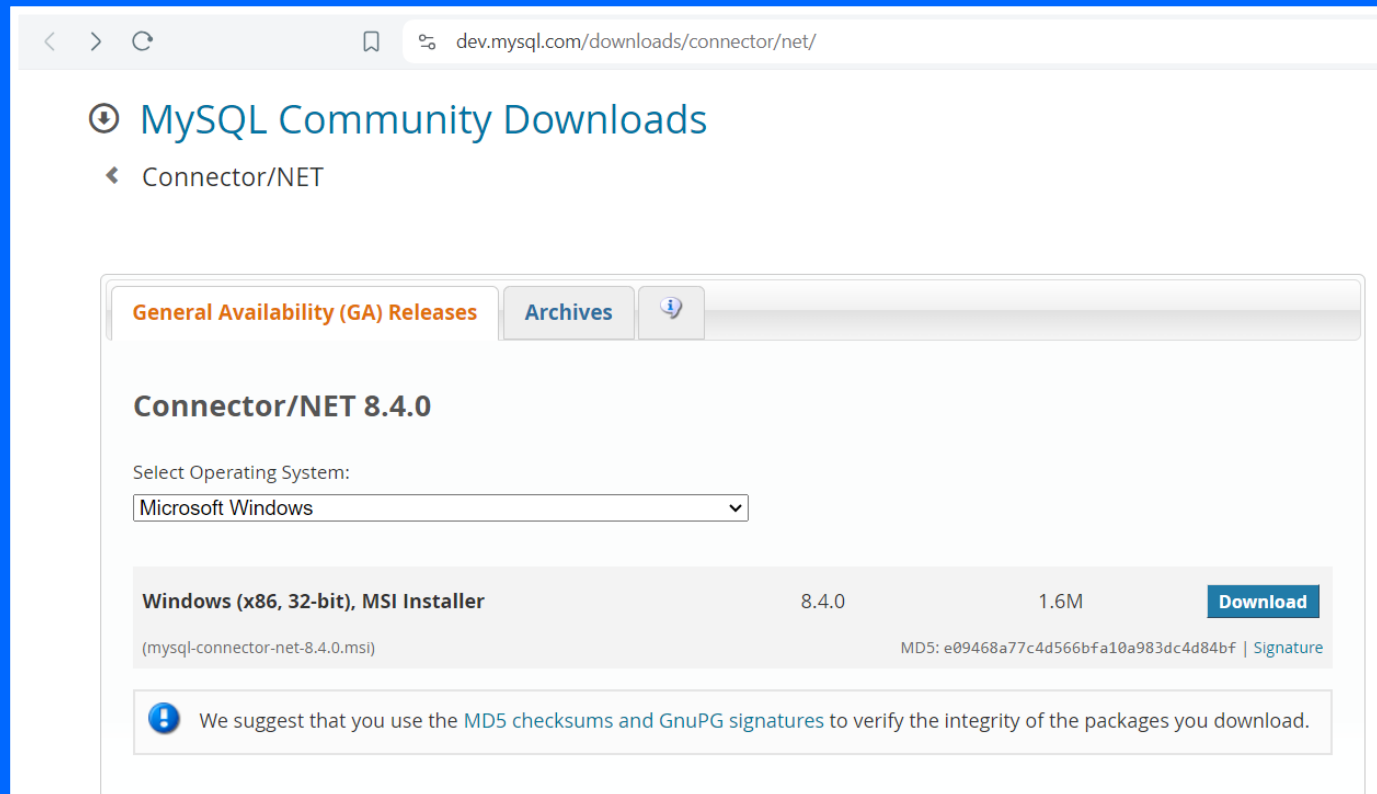
MySQL Server connection error



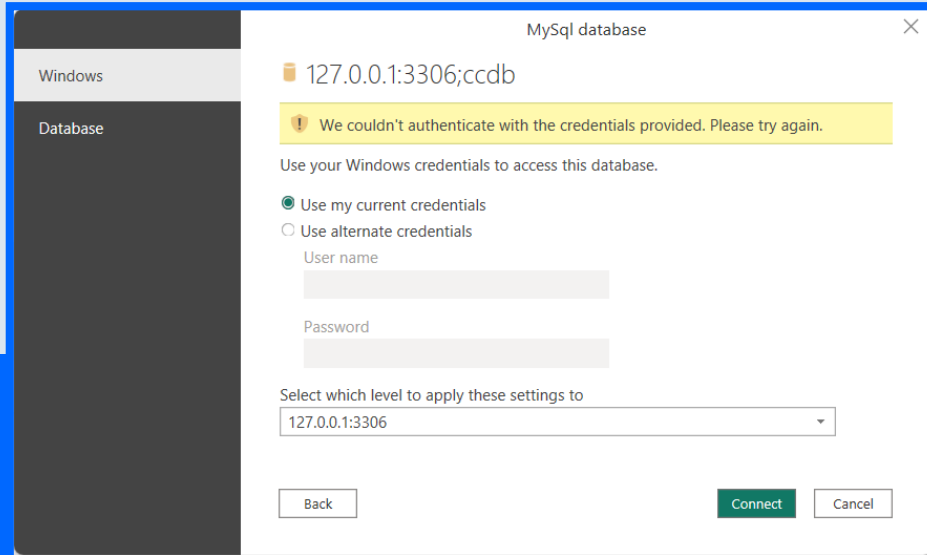
While connecting MySQL Database I got below error first :



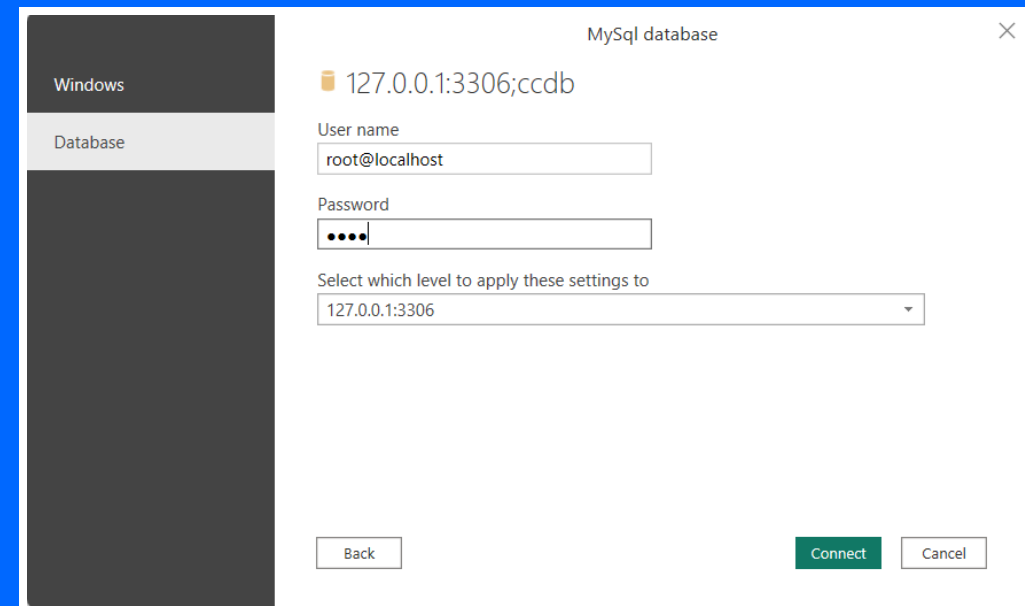
To solve this connection problem I downloaded and installed “ MySQL Connector/NET 8.4.0



After this I tried to connect SQL server by inserting details of server and database I got below problem :



Solution: I tried to connect using Database option. There I inserted Username and Password





**Thank you**