

-- SQL Query to create and import data from csv files:

-- 0. Create a database  
CREATE DATABASE ccdb;

-- 1. Create cc\_detail table

```
CREATE TABLE cc_detail (  
    Client_Num INT,  
    Card_Category VARCHAR(20),  
    Annual_Fees INT,  
    Activation_30_Days INT,  
    Customer_Acq_Cost INT,  
    Week_Start_Date DATE,  
    Week_Num VARCHAR(20),  
    Qtr VARCHAR(10),  
    current_year INT,  
    Credit_Limit DECIMAL(10,2),  
    Total_Revolving_Bal INT,  
    Total_Trans_Amt INT,  
    Total_Trans_Ct INT,  
    Avg_Utilization_Ratio DECIMAL(10,3),  
    Use_Chip VARCHAR(10),  
    Exp_Type VARCHAR(50),  
    Interest_Earned DECIMAL(10,3),  
    Delinquent_Acc VARCHAR(5)  
);
```

-- 2. Create cc\_detail table

```
CREATE TABLE cust_detail (  
    Client_Num INT,  
    Customer_Age INT,  
    Gender VARCHAR(5),  
    Dependent_Count INT,  
    Education_Level VARCHAR(50),  
    Marital_Status VARCHAR(20),  
    State_cd VARCHAR(50),  
    Zipcode VARCHAR(20),  
    Car_Owner VARCHAR(5),  
    House_Owner VARCHAR(5),  
    Personal_Loan VARCHAR(5),  
    Contact VARCHAR(50),  
    Customer_Job VARCHAR(50),  
    Income INT,  
    Cust_Satisfaction_Score INT  
);
```

```
-- 3. Copy csv data into SQL

-- copy cc_detail table

show variables like 'secure_file_priv';

LOAD DATA INFILE "C:/ProgramData/MySQL/MySQL Server
8.0/Uploads/credit_card.csv"
INTO TABLE cc_detail
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;

-- copy cust_detail table

show variables like 'secure_file_priv';

LOAD DATA INFILE "C:/ProgramData/MySQL/MySQL Server
8.0/Uploads/customer.csv"
INTO TABLE cust_detail
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;

-- 4. Insert additional data into SQL

-- copy additional data (week-53) in cc_detail table

LOAD DATA INFILE "C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/cc_add.csv"
INTO TABLE cc_detail
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;

-- copy additional data (week-53) in cust_detail table

LOAD DATA INFILE "C:/ProgramData/MySQL/MySQL Server
8.0/Uploads/cust_add.csv"
INTO TABLE cust_detail
FIELDS TERMINATED BY ','
ENCLOSED BY '"'
LINES TERMINATED BY '\n'
IGNORE 1 ROWS;
```