

```
1  -- SQL Query to create and import data from csv files:
2
3  -- 0. Create a database
4  CREATE DATABASE ccdb;
5
6  -- 1. Create cc_detail table
7
8  CREATE TABLE cc_detail (
9      Client_Num INT,
10     Card_Category VARCHAR(20),
11     Annual_Fees INT,
12     Activation_30_Days INT,
13     Customer_Acq_Cost INT,
14     Week_Start_Date DATE,
15     Week_Num VARCHAR(20),
16     Qtr VARCHAR(10),
17     current_year INT,
18     Credit_Limit DECIMAL(10,2),
19     Total_Revolving_Bal INT,
20     Total_Trans_Amt INT,
21     Total_Trans_Ct INT,
22     Avg_Utilization_Ratio DECIMAL(10,3),
23     Use_Chip VARCHAR(10),
24     Exp_Type VARCHAR(50),
25     Interest_Earned DECIMAL(10,3),
26     Delinquent_Acc VARCHAR(5)
27 );
28
29
30 -- 2. Create cust_detail table
31
32 CREATE TABLE cust_detail (
33     Client_Num INT,
34     Customer_Age INT,
35     Gender VARCHAR(5),
36     Dependent_Count INT,
37     Education_Level VARCHAR(50),
38     Marital_Status VARCHAR(20),
39     State_cd VARCHAR(50),
40     Zipcode VARCHAR(20),
41     Car_Owner VARCHAR(5),
42     House_Owner VARCHAR(5),
43     Personal_Loan VARCHAR(5),
44     Contact VARCHAR(50),
45     Customer_Job VARCHAR(50),
46     Income INT,
47     Cust_Satisfaction_Score INT
48 );
49
50
51 -- 3. Copy csv data into SQL (remember to update the file name and file location in below query)
52
53 -- copy cc_detail table
54
55 COPY cc_detail
56 FROM 'D:\credit_card.csv'
57 DELIMITER ','
58 CSV HEADER;
59
60
61 -- copy cust_detail table
62
63 COPY cust_detail
64 FROM 'D:\customer.csv'
```

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65 DELIMITER ','
66 CSV HEADER;
67
68
69
70 -- If you are getting below error, then use the below point:
71 -- ERROR: date/time field value out of range: "0"
72 -- HINT: Perhaps you need a different "datestyle" setting.
73
74 -- Check the Data in Your CSV File: Ensure date column values are formatted correctly and are in a valid format
75 -- or
76 -- Update the Datestyle Setting: Set the datestyle explicitly for your session using the following command
77 SET datestyle TO 'ISO, DMY';
78
79 -- Now, try to COPY the csv files!
80
81
82 -- 4. Insert additional data into SQL, using same COPY function
83
84 -- copy additional data (week-53) in cc_detail table
85
86 COPY cc_detail
87 FROM 'D:\cc_add.csv'
88 DELIMITER ','
89 CSV HEADER;
90
91
92 -- copy additional data (week-53) in cust_detail table (remember to update the file name and file location)
93
94 COPY cust_detail
95 FROM 'D:\cust_add.csv'
96 DELIMITER ','
97 CSV HEADER;
98
99
```