

# CSV to MySQL Database Assessment

## Python Code:

```
CSV_to_MySQL.py ×
1 import pymysql
2 import csv
3 import sys
4
5 host = "localhost"
6 user = "root"
7 password = ""
8 db = "assessment"
9
10 database = pymysql.connect(host=host, user=user, passwd=password, db=db)
11 cursor = database.cursor()
12 csv_data = csv.reader(open("C:\\Users\\diaae\\Downloads\\countries_visa_free_access.csv"))
13 header = next(csv_data)
14 print("File is being imported")
15 for row in csv_data:
16     print(row)
17     cursor.execute( query: "INSERT INTO visafreeaccess (Country, Rank, VisaFreeAccess) VALUES (%s, %s, %s)",row)
18
19 database.commit()
20 cursor.close()
21 print("CSV File Loaded in Database Successfully")
```

## Terminal Output:

```
File is being imported
['Singapore', '1st', '195']
['Finland', '2nd', '192']
['France', '2nd', '192']
['Germany', '2nd', '192']
['Italy', '2nd', '192']
['Japan', '2nd', '192']
['South Korea', '2nd', '192']
['Spain', '2nd', '192']
['Austria', '3rd', '191']
['Denmark', '3rd', '191']
['Ireland', '3rd', '191']
['Luxembourg', '3rd', '191']
['Netherlands', '3rd', '191']
['Norway', '3rd', '191']
['Sweden', '3rd', '191']
['Belgium', '4th', '190']
['New Zealand', '4th', '190']
['Portugal', '4th', '190']
['Switzerland', '4th', '190']
['United Kingdom', '4th', '190']
['Australia', '5th', '189']
['Greece', '5th', '189']
['Poland', '6th', '188']
['Canada', '7th', '187']
['Czechia', '7th', '187']
['Hungary', '7th', '187']
['Malta', '7th', '187']
['United States', '8th', '186']
['Estonia', '9th', '185']
['Lithuania', '9th', '185']
['Slovenia', '9th', '185']
['United Arab Emirates', '9th', '185']
['Iceland', '10th', '184']
['Latvia', '10th', '184']
['Slovakia', '10th', '184']
['Croatia', '11th', '183']
['Malaysia', '11th', '183']
['Liechtenstein', '12th', '182']
['Cyprus', '13th', '179']
['Monaco', '14th', '178']
['Bulgaria', '15th', '177']
['Romania', '15th', '177']
['Chile', '16th', '176']
['Argentina', '17th', '172']
['San Marino', '17th', '172']
['Andorra', '18th', '171']
['Brazil', '18th', '171']
['Hong Kong (SAR China)', '18th', '171']
['Israel', '19th', '170']
['Brunei', '20th', '166']
['Barbados', '21st', '165']
['Bahamas', '22nd', '161']
['Mexico', '23rd', '159']
['St. Kitts and Nevis', '24th', '157']
['Congo (Rep.)', '92nd', '50']
['Turkmenistan', '92nd', '50']
['Djibouti', '93rd', '49']
['Laos', '93rd', '49']
['Congo (Dem. Rep.)', '94th', '46']
['Ethiopia', '94th', '46']
['Myanmar', '94th', '46']
['Lebanon', '95th', '45']
['Nigeria', '95th', '45']
['Iran', '96th', '44']
['South Sudan', '96th', '44']
['Sri Lanka', '96th', '44']
['Sudan', '97th', '43']
['Eritrea', '98th', '42']
['North Korea', '99th', '41']
['Bangladesh', '100th', '40']
['Libya', '100th', '40']
['Palestinian Territory', '100th', '40']
['Nepal', '101st', '39']
['Somalia', '102nd', '35']
['Pakistan', '103rd', '33']
['Yemen', '103rd', '33']
['Iraq', '104th', '31']
['Syria', '105th', '27']
['Afghanistan', '106th', '26']
CSV File Loaded in Database Successfully
```

## Database Output:

phpMyAdmin

Server: 127.0.0.1 » Database: assessment »

Browse Structure SQL Search

Country	Rank	VisaFreeAccess
Singapore	1st	195
Finland	2nd	192
France	2nd	192
Germany	2nd	192
Italy	2nd	192
Japan	2nd	192
South Korea	2nd	192
Spain	2nd	192
Austria	3rd	191
Denmark	3rd	191
Ireland	3rd	191
Luxembourg	3rd	191
Netherlands	3rd	191
Norway	3rd	191
Sweden	3rd	191
Belgium	4th	190
New Zealand	4th	190
Portugal	4th	190
Switzerland	4th	190
United Kingdom	4th	190
Australia	5th	189
Greece	5th	189
Poland	6th	188
Canada	7th	187
Czechia	7th	187
Hungary	7th	187
Malta	7th	187

Console

Server: 127.0.0.1 » Database: assessment »

Browse Structure SQL Search

Country	Rank	VisaFreeAccess
Cameroon	92nd	50
Congo (Rep.)	92nd	50
Turkmenistan	92nd	50
Djibouti	93rd	49
Laos	93rd	49
Congo (Dem. Rep.)	94th	46
Ethiopia	94th	46
Myanmar	94th	46
Lebanon	95th	45
Nigeria	95th	45
Iran	96th	44
South Sudan	96th	44
Sri Lanka	96th	44
Sudan	97th	43
Eritrea	98th	42
North Korea	99th	41
Bangladesh	100th	40
Libya	100th	40
Palestinian Territory	100th	40
Nepal	101st	39
Somalia	102nd	35
Pakistan	103rd	33
Yemen	103rd	33
Iraq	104th	31
Syria	105th	27
Afghanistan	106th	26