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In [ ]: pip install PyMySQL
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In [1]: import sqlalchemy
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In [2]: import pandas as pd
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Connect mysql to python by using --> sqlalchemy.create_engine

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In [3]: db = sqlalchemy.create_engine('mysql+pymysql://root:1234@localhost:3306/imdb')
```

```
In [4]: ### Write the required the sql query
query = "SHOW TABLES"

### Execute the sql query
pd.read_sql_query(query,db)
```

Out[4]: **Tables_in_imdb**

0	actors
1	directors
2	directors_genres
3	movies
4	movies_directors
5	movies_genres
6	roles

```
In [5]: query = "SELECT * FROM movies"

df = pd.read_sql_query(query,db)
df
```

Out[5]:

	id	name	year	rankscore
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0	0	#28	2002	NaN
1	1	#7 Train: An Immigrant Journey, The	2000	NaN
2	2	\$	1971	6.4
3	3	\$1,000 Reward	1913	NaN
4	4	\$1,000 Reward	1915	NaN
...
388264	412316	"zem blch krlu"	1991	NaN
388265	412317	"rgammk"	1995	NaN
388266	412318	"zgnm Leyla"	2002	NaN
388267	412319	" Istanbul"	1983	NaN
388268	412320	"sterreich"	1958	NaN

388269 rows × 4 columns

convert a dataframe to csv file

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In [6]: df.to_csv("movies.csv")
```