```
import sqlite3 as lite
import pandas as pd
```

```
%%capture
%load_ext rpy2.ipython
%load_ext google.colaboratory.rpy2.ipython
```

```
conn = lite.connect('movie.db')
pd.read_sql_query("SELECT * FROM movie", conn)
```

	budget	genres	homepage	id	keywords	original_language	original_title	overview	popularity	production_companies	production_countries	release_date	revenue	runtime	spoken_languages	status	tagline	title	vote_average	vote_count
0	237000000	[{"id": 28, "name": "Action"}, {"id": 12, "name": "Adventure"}, {"id": 14, "name": "Fantasy"}, {"id": 878, "name": "Science Fiction"}]	http://www.avatarmovie.com/	19995	[{"id": 1463, "name": "culture clash"}, {"id": 2964, "name": "future"}, {"id": 9381, "name": "rescue"}, {"id": 11830, "name": "mercenary"}, {"id": 14988, "name": "space travel"}, {"id": 33455, "name": "virgin"}, {"id": 34006, "name": "planet"}, {"id": 41567, "name": "alien"}, {"id": 179431, "name": "tribe"}, {"id": 191404, "name": "alien species"}, {"id": 207928, "name": "23rd century"}, {"id": 210024, "name": "paraplegic"}]	en	Avatar	In the 22nd century, a paraplegic Marine is dispatched to the moon Pandora on a unique mission, but becomes torn between following orders and protecting an alien civilization.	150.437577	[{"name": "Ingenious Film Partners", "id": 289}, {"name": "Twentieth Century Fox Film Corporation", "id": 306}, {"name": "Dune Entertainment", "id": 307}, {"name": "Lightstorm Entertainment", "id": 308}]	[{"iso_3166_1": "US", "name": "United States of America"}, {"iso_3166_1": "GB", "name": "United Kingdom"}]	2009-12-10	2787965087	162	[{"iso_639_1": "en", "name": "English"}, {"iso_639_1": "es", "name": "Español"}]	Released	Enter the World of Pandora.	Avatar	7.2	11800

```
select_1 = lite.connect('movie.db')
```

```
%cat movie.csv
```

```
budget,genres,homepage,id,keywords,original_language,original_title,overview,popularity,production_companies,production_countries,release_date,revenue,runtime,spoken_languages,status,tagline,title,vote_average,vote_count
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```

```
%%cmd
head movie.csv
```

```
budget,genres,homepage,id,keywords,original_language,original_title,overview,popularity,production_companies,production_countries,release_date,revenue,runtime,spoken_languages,status,tagline,title,vote_average,vote_count
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```
cat: movie.db: No such file or directory
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```
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```
%%cmd
wc movie.db
```

```
cat: movie.db: No such file or directory
```

```
%%cmd
sqlite3 movie.db ".schema"
```

```
CREATE TABLE movie(
budget,
genres,
homepage,
id,
keywords,
original_language,
original_title,
overview,
popularity,
production_companies,
production_countries,
release_date,
revenue,
runtime,
spoken_languages,
status,
tagline,
title,
vote_average,
vote_count
);
```

```
%%cmd
sqlite3 movie.db ".header on" ".mode csv" ".output movie.csv" "select * from movie;"
```

```
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