```
1 ●    show databases;
2 ●    use project_movie_database;
```

Output

Action Output ▾

#	Time	Action
1	15:07:07	use project_movie_database

```sql
1 ● show databases;
2 ● use project_movie_database;
3 ● show tables;
4    -- a) Get all movies
5 ● select * from movies;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Contents:

id	original_title	budget	popularity	release_date	revenue	title	vote_average	vote_count	overview	tagline
43620	The Golden Compass	180000000	42	2007-12-04	372234864	The Golden Compass	5.8	1303	After overhearing a shocking secret, precocious...	There are worlds be
43621	King Kong	207000000	61	2005-12-14	550000000	King Kong	6.6	2337	In 1933 New York, an overly ambitious movie pr...	The eighth wonder
43622	Titanic	200000000	100	1997-11-18	1845034188	Titanic	7.5	7562	84 years later, a 101-year-old woman named R...	Nothing on Earth co
43623	Captain America: Civil War	250000000	198	2016-04-27	1153304495	Captain America: Civil War	7.1	7241	Following the events of Age of Ultron, the colle...	Divided We Fall
43624	Battleship	209000000	64	2012-04-11	303025485	Battleship	5.5	2114	When mankind beams a radio signal into space, ...	The Battle for Earth
43625	Jurassic World	150000000	418	2015-06-09	1513528810	Jurassic World	6.5	8662	Twenty-two years after the events of Jurassic ...	The park is open.
43626	Skyfall	200000000	93	2012-10-25	1108561013	Skyfall	6.9	7604	When Bond"s latest assignment goes gravely w...	Think on your sins.
43627	Spider-Man 2	200000000	35	2004-06-25	783766341	Spider-Man 2	6.7	4321	Peter Parker is going through a major identity cr...	There"s a hero in all
43628	Iron Man 3	200000000	77	2013-04-18	1215439994	Iron Man 3	6.8	8806	When Tony Stark"s world is torn apart by a for...	Unleash the power
43629	Alice in Wonderland	200000000	78	2010-03-03	1025491110	Alice in Wonderland	6.4	4645	Alice, an unpretentious and individual 19-year-o...	You're invited to a v
43630	X-Men: The Last Stand	210000000	3	2006-05-24	459359555	X-Men: The Last Stand	6.3	3525	When a cure is found to treat mutations, lines a...	Take a Stand
43631	Monsters University	200000000	89	2013-06-20	743559607	Monsters University	7	3528	A look at the relationship between Mike and Sull...	School never looked
43632	Transformers: Revenge of the Fallen	150000000	21	2009-06-19	836297228	Transformers: Revenge of the Fallen	6	3138	Sam Witwicky leaves the Autobots behind for a ...	Revenge is coming.
43633	Transformers: Age of Extinction	210000000	116	2014-06-25	1091405097	Transformers: Age of Extinction	5.8	3095	As humanity picks up the pieces, following the c...	This is not war. It"s
43634	Oz: The Great and Powerful	200000000	46	2013-03-07	491868548	Oz: The Great and Powerful	5.7	3530	Oscar Diggs, a small-time circus illusionist and co...	In Oz, nothing is wh
43636	TRON: Legacy	170000000	73	2010-12-10	400062763	TRON: Legacy	6.3	2841	Sam Flynn, the tech-savvy and daring son of K...	The Game Has Char
43637	Cars 2	200000000	49	2011-06-11	559852396	Cars 2	5.8	2033	Star race car Lightning McQueen and his pal Ma...	Ka-ciao!
43638	Green Lantern	200000000	51	2011-06-16	219851172	Green Lantern	5.1	2487	For centuries, a small but powerful force of war...	In our darkest hour,
43639	Toy Story 3	200000000	59	2010-06-16	1066969703	Toy Story 3	7.6	4597	Woody, Buzz, and the rest of Andy's toys have...	No toy gets left beh
43640	Terminator Salvation	200000000	71	2009-05-20	371353001	Terminator Salvation	5.9	2463	All grown up in post-apocalyptic 2018, John Co...	The End Begins.
43641	Furious 7	190000000	102	2015-04-01	1506249360	Furious 7	7.3	4176	Deckard Shaw seeks revenge against Dominic T...	Vengeance Hits Hon
43642	World War Z	200000000	81	2013-06-20	531865000	World War Z	6.7	5560	Life for former United Nations investigator Gerr...	Remember Philly!
43644	Star Trek Into Darkness	190000000	78	2013-05-05	467365246	Star Trek Into Darkness	7.4	4418	When the crew of the Enterprise is called back ...	Earth Will Fall
43646	The Great Gatsby	105000000	61	2013-05-10	351040419	The Great Gatsby	7.3	3769	An adaptation of F. Scott Fitzgerald"s Long Isla...	Reserving judgment
43647	Prince of Persia: The Sands of Time	150000000	62	2010-05-19	335154643	Prince of Persia: The Sands of Time	6.2	2317	A rogue prince reluctantly joins forces with a m...	Defy the Future
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
7        -- b) Get all directors
8 ●      select * from directors;
```

name	id	gender	uid	department
James Cameron	4762	2	2710	Directing
Gore Verbinski	4763	2	1704	Directing
Sam Mendes	4764	2	39	Directing
Christopher Nolan	4765	2	525	Directing
Andrew Stanton	4766	2	7	Directing
Sam Raimi	4767	2	7623	Directing
Byron Howard	4768	2	76595	Directing
Joss Whedon	4769	2	12891	Directing
David Yates	4770	2	11343	Directing
Zack Snyder	4771	2	15217	Directing
Bryan Singer	4772	2	9032	Directing
Marc Forster	4773	2	12995	Directing
Andrew Adamson	4774	2	5524	Directing
Rob Marshall	4775	2	17633	Directing
Barry Sonnenfeld	4776	2	5174	Directing
Peter Jackson	4777	2	108	Directing
Marc Webb	4778	2	87742	Directing
Ridley Scott	4779	2	578	Directing
Chris Weitz	4780	0	3288	Directing
Anthony Russo	4781	2	19271	Directing
Peter Berg	4782	2	36602	Directing
Colin Trevorrow	4783	2	930707	Directing
Shane Black	4784	2	1108	Directing
Tim Burton	4785	2	510	Directing
Brett Ratner	4786	2	11091	Directing
Dan Scanlon	4787	2	225976	Directing
Michael Bay	4788	2	865	Directing

```
10        -- c) Count Movies
11 ●      SELECT COUNT(*) AS total_movies FROM movies;
```

| Result Grid | | 🔷 Filter Rows: | Export: | Wrap Cell Content: 𝐈𝐀 |

	total_movies
▶	47

```
13      -- d) Find James Cameron, Luc Besson, John Woo
14 ●    SELECT * FROM directors
15      WHERE name IN ('James Cameron','Luc Besson','John Woo');
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

name	id	gender	uid	department
James Cameron	4762	2	2710	Directing
John Woo	4893	2	11401	Directing
Luc Besson	4949	2	59	Directing
NULL	NULL	NULL	NULL	NULL

```
17      -- e) Directors starting with S
18  •   SELECT * FROM directors
19      WHERE name LIKE 'S%';
```

name	id	gender	uid	department
Sam Mendes	4764	2	39	Directing
Sam Raimi	4767	2	7623	Directing
Shane Black	4784	2	1108	Directing
Steven Spielberg	4799	2	488	Directing
Stephen Sommers	4815	2	7775	Directing
Shawn Levy	4842	2	17825	Directing
Steve Hickner	4852	2	44113	Directing
Simon Wells	4855	2	21879	Directing
Steven Soderbergh	4909	2	1884	Directing
Simon West	4930	2	12786	Directing
Stefen Fangmeier	4931	0	25453	Directing
Spike Jonze	4932	2	5953	Directing
Steve Martino	4943	2	71729	Directing
Sergei Bodrov	4952	0	130938	Directing
Sydney Pollack	4965	2	2226	Directing
Sylvester Stallone	4992	2	16483	Directing
Seth Gordon	4997	2	71600	Directing
Scott Derrickson	5004	2	55499	Directing
Stephen Hopkins	5008	2	2042	Directing
Steven Brill	5013	2	32593	Directing
Stephen Norrington	5028	2	10808	Directing
Steve Carr	5048	2	52112	Directing
Seth MacFarlane	5075	2	52139	Directing
Scott Waugh	5081	2	293911	Directing
Stanley Kubrick	5089	2	240	Directing
Stuart Beattie	5095	0	1707	Directing
Steven Zaillian	5117	2	2260	Directing

```sql
21      -- f) Count Female Directors
22  •   SELECT COUNT(*) AS female_directors
23      FROM directors
24      WHERE gender = 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 🔠

female_directors
150

```sql
26    -- g) 10th Female Director Alphabetically
27 •  SELECT name
28    FROM directors
29    WHERE gender = 1
30    ORDER BY name
31    LIMIT 1 OFFSET 9;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

name
Amy Holden Jones

```sql
33    -- h) 3 Most Popular Movies
34 •  SELECT original_title, popularity
35    FROM movies
36    ORDER BY popularity DESC
37    LIMIT 3;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

original_title	popularity
Jurassic World	418
Captain America: Civil War	198
Avatar	150

```sql
38
39      -- i) 3 Most Bankable Movies (Revenue)
40 ●    SELECT original_title, revenue
41      FROM movies
42      ORDER BY revenue DESC
43      LIMIT 3;
```

Result Grid | Filter Rows: | Export: | Wrap Cell C

original_title	revenue
Avatar	2787965087
Titanic	1845034188
The Avengers	1519557910

```sql
44
45    -- j) Highest Rated Movie Since 2000
46 •  SELECT original_title, vote_average, release_date
47    FROM movies
48    WHERE release_date >= '2000-01-01'
49    ORDER BY vote_average DESC
50    LIMIT 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA | Fetch rows:

original_title	vote_average	release_date
The Dark Knight Rises	7.6	2012-07-16

```sql
52      -- k) Movies by Brenda Chapman
53  ●   SELECT m.original_title
54      FROM movies m
55      JOIN directors d
56      ON m.director_id = d.id
57      WHERE d.name = 'Brenda Chapman';
```

Result Grid | ▯ | ⟳ Filter Rows: [   ] | Export: 🖫 | Wrap Cell Content: ᴵA

original_title

```
59    -- 1) Director with Most Movies
60 ●  SELECT d.name, COUNT(m.id) AS movie_count
61    FROM directors d
62    JOIN movies m
63    ON d.id = m.director_id
64    GROUP BY d.name
65    ORDER BY movie_count DESC
66    LIMIT 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⅠA | Fetch rows:

name	movie_count
Gore Verbinski	3

```sql
68      -- m) Most Bankable Director (Highest Total Revenue)
69  •   SELECT d.name, SUM(m.revenue) AS total_revenue
70      FROM directors d
71      JOIN movies m
72      ON d.id = m.director_id
73      GROUP BY d.name
74      ORDER BY total_revenue DESC
75      LIMIT 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

name	total_revenue
James Cameron	4632999275