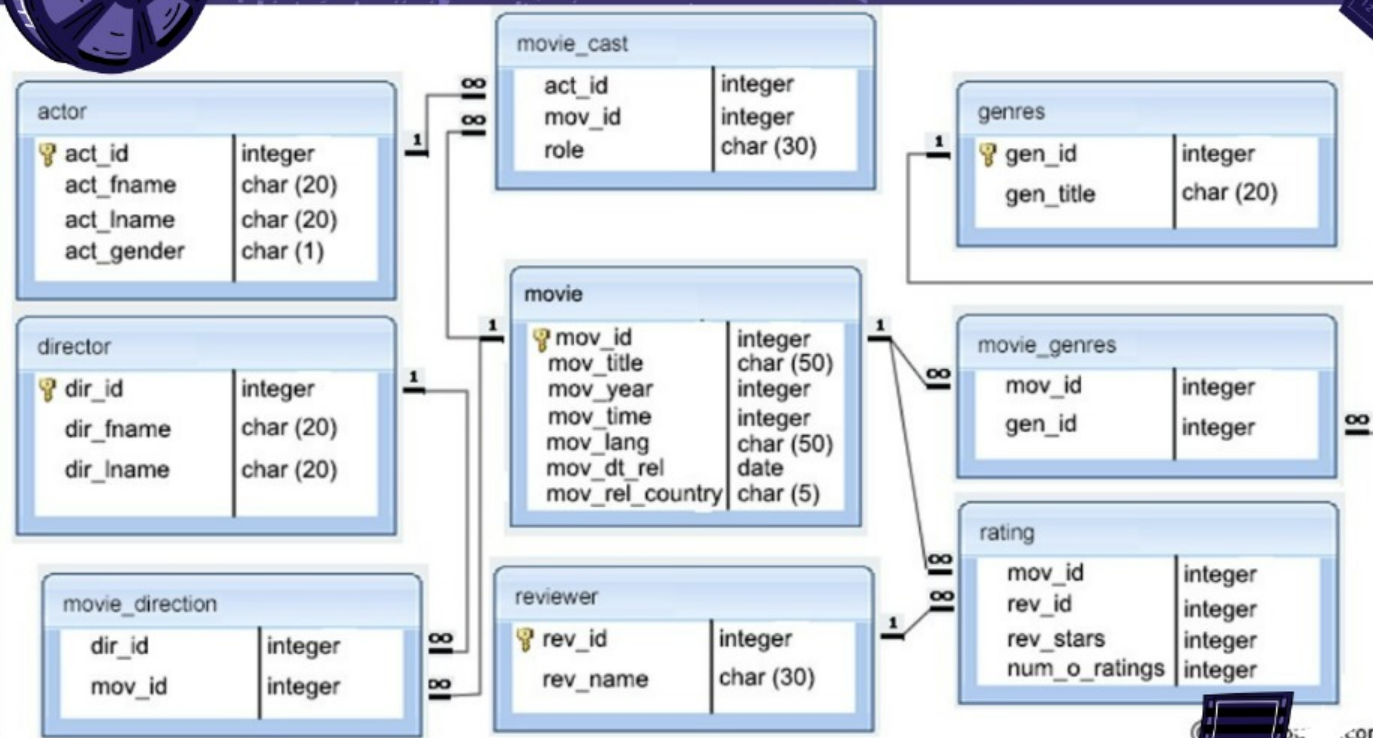


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DATABASE SCHEMA

MOVIE ANALYSIS



OBJECTIVE

- ❖ The objective of movie database is to help users find basic viewing basic information about movies such as casting, ratings, directors etc.
- ❖ Besides displaying the ratings from popular websites such as IMDB, The Movie database allows user to provide feedback.

QUESTION 1

Write a SQL query to find the name and year of the movies. Return movie title, movie release year.

```
28 • SELECT mov_title, mov_year
29 FROM movie;
30
```

Result Grid |   Filter Rows:

	mov_title	mov_year
▶	Vertigo	1958
	The Innocents	1961
	Lawrence of Arabia	1962
	The Deer Hunter	1978
	Amadeus	1984
	Blade Runner	1982
	Eyes Wide Shut	1999
	The Usual Suspects	1995
	Chinatown	1974
	Boogie Nights	1997
	Annie Hall	1977
	Princess Mononoke	1997
	The Shawshank R...	1994
	American Beauty	1999
	Titanic	1997
	Good Will Hunting	1997

QUESTION 2



Write a SQL query to find when the movie 'American Beauty' released. Return movie release year

```
33 • SELECT mov_year
34 FROM movie
35 WHERE mov_title = 'American Beauty';
```

Result Grid

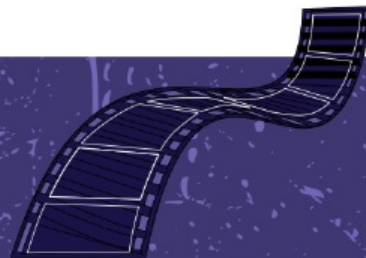


Filter Rows:

Export:



	mov_year
▶	1999



QUESTION 3

Write a SQL query to find the movie that was released in 1999. Return movie title.

```
39 • SELECT mov_title
40 FROM movie
41 WHERE mov_year = 1999;
```

Result Grid



Filter Rows:

	mov_title
▶	Eyes Wide Shut
	American Beauty

QUESTION 4

MOVIE ANALYSIS

Write a SQL query to find those movies, which were released before 1998. Return movie title.

```
45 • SELECT mov_title
46 FROM movie
47 WHERE mov_year < 1998;
```

Result Grid



Filter Rows:

	mov_title
▶	Amadeus
	Eyes Wide Shut
	Deliverance



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QUESTION 5

Write a SQL query to find the name of all reviewers and movies together in a single list.

```
51 • SELECT reviewer.rev_name
52 FROM reviewer
53 UNION
54 SELECT movie.mov_title
55 FROM movie;
```

Result Grid   Filter Rows:

rev_name
▶ Righty Sock
Jack Malvern
Flagrant Baronessa
Alec Shaw
Victor Woeltjen
Simon Wright
Neal Wruck
Paul Monks
Mike Salvati
Wesley S. Walker
Sasha Goldshtein
Josh Cates
Krug Stillo
Scott LeBrun
Hannah Steele



QUESTION 6

MOVIE ANALYSIS

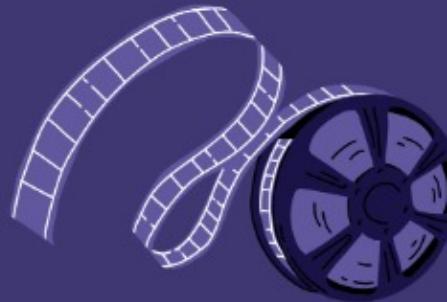


Write a SQL query to find all reviewers who have rated seven or more stars to their rating. Return reviewer name.

```
59 • SELECT reviewer.rev_name
60 FROM reviewer, rating
61 WHERE rating.rev_id = reviewer.rev_id
62 AND rating.rev_stars >= 7
63 AND reviewer.rev_name IS NOT NULL;
64
```

Result Grid | Filter Rows: | Export:

	rev_name
▶	Righty Sock
	Righty Sock
	Jack Malvern
	Flagrant Baronessa
	Victor Woeltjen
	Simon Wright
	Mike Salvati
	Sasha Goldshtein
	Krug Stillo
	Hannah Steele
	Vincent Cadena
	Brandt Sponseller



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QUESTION 7



Write a SQL query to find the movies without any rating. Return movie title.

```
67 • SELECT mov_title
68 FROM movie
69 WHERE mov_id NOT IN (
70     SELECT mov_id
71     FROM rating );
```

Result Grid | Filter Rows:

	mov_title
▶	The Deer Hunter
	Amadeus
	Eyes Wide Shut
	Chinatown
	The Shawshank Redemption
	Deliverance
	Trainspotting
	The Prestige
	Seven Samurai
	Spirited Away
	Back to the Future

QUESTION 8

8) Write a SQL query to find the movies with ID 905 or 907 or 917. Return movie title.

```
75 • SELECT mov_title
76 FROM movie
77 WHERE mov_id IN (905, 907, 917);
```

Result Grid



Filter Rows:

Export

	mov_title
▶	Amadeus
	Eyes Wide Shut
	Deliverance

QUESTION 9



9) Write a SQL query to find the movie titles that contain the word 'Boogie Nights'. Sort the result-set ascending order by movie year return movie ID, movie title and movie release year.

```
82 • SELECT mov_id, mov_title, mov_year
83 FROM movie
84 WHERE mov_title LIKE '%Boogie%Nights%'
85 ORDER BY mov_year ASC;
```

Result Grid			Filter Rows: <input type="text"/>	Export:
	mov_title			
▶	Amadeus			
	Eyes Wide Shut			
	Deliverance			



QUESTION 10

MOVIE ANALYSIS

1 Write a SQL query to find those actors with the first name 'Woody' and the last name 'Allen'. Return actor ID.

```
89 • SELECT act_id
90 FROM actor
91 WHERE act_fname='Woody'
92 AND act_lname='Allen';
```

Result Grid

	mov_title
▶	Amadeus
	Eyes Wide Shut
	Deliverance