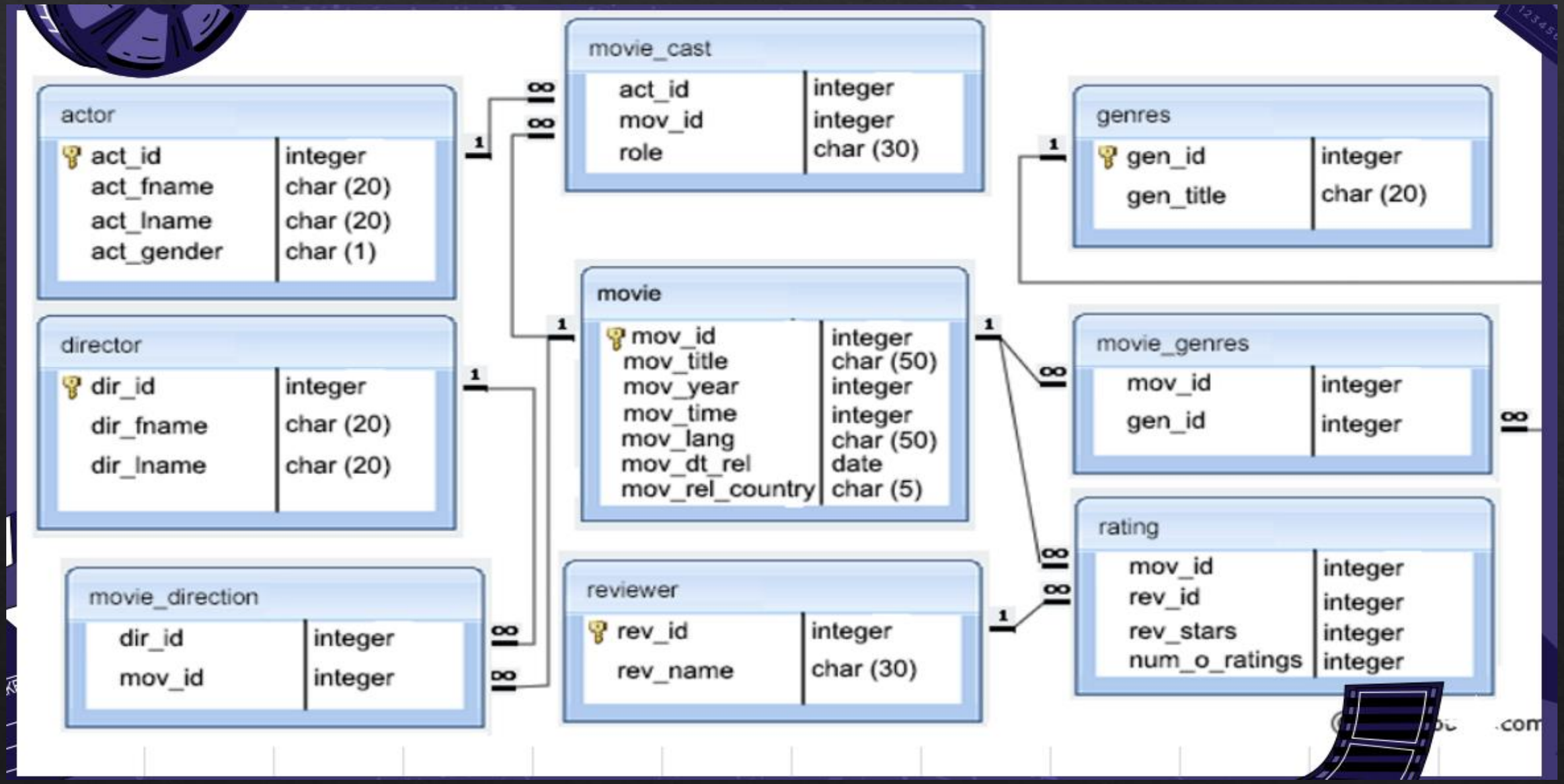
MOVIE ANALYSIS

- Amit Gaud

Database Schema



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.

```sql
SELECT mov_title, mov_year
FROM movie;
```

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.

```sql
SELECT mov_year
FROM movie
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.

```sql
SELECT mov_title
FROM movie
WHERE mov_year = 1999;
```

Result Grid | Filter Rows:

mov_title
Eyes Wide Shut
American Beauty

QUESTION :4

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

```sql
SELECT mov_title
FROM movie
WHERE mov_year < 1998;
```

Result Grid | Filter Rows:

mov_title
Amadeus
Eyes Wide Shut
Deliverance

QUESTION: 5

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

```sql
SELECT reviewer.rev_name
FROM reviewer
UNION
SELECT movie.mov_title
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

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

```sql
SELECT reviewer.rev_name
FROM reviewer, rating
WHERE rating.rev_id = reviewer.rev_id
AND rating.rev_stars >= 7
AND reviewer.rev_name IS NOT NULL;
```

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

QUESTION : 7

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

```sql
SELECT mov_title
FROM movie
WHERE mov_id NOT IN (
    SELECT mov_id
     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.

```
SELECT mov_title
FROM movie
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 in ascending order by movie year return movie ID, movie title and movie release year.

```sql
SELECT mov_id, mov_title, mov_year
FROM movie
WHERE mov_title LIKE '%Boogie%Nights%'
ORDER BY mov_year ASC;
```

Result Grid | Filter Rows: | Export:

mov_title
Amadeus
Eyes Wide Shut
Deliverance

QUESTION : 10

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

```sql
SELECT act_id
FROM actor
WHERE act_fname='Woody'
AND act_lname='Allen';
```

Result Grid | Filter Rows:

mov_title
Amadeus
Eyes Wide Shut
Deliverance