

Project Title

MOVIE TICKET RESERVATION AND RECOMMENDATION SYSTEM

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Index

| | |
|--|---|
| Index | 1 |
| Objective | 2 |
| Scope | 2 |
| Git Files | 2 |
| Steps followed to create the complete DB | 3 |
| Steps to set-up the Database | 3 |
| Entity - Relationship Diagram | 4 |
| Snippets of database | 5 |
| Views and its Output | 7 |

Objective

The project's goal is to develop a movie reservation and recommendation system that will make reservations for customers easier by giving them valuable information without any hassle. The system would be helpful in the following ways:

- Making services widely accessible to customers will result in a decrease in the number of people using the ticket window to buy tickets, which in turn will save time and reduce business costs
- Customer satisfaction is increased since it's simple for them to view the available movies and make bookings in line with them
- Improve the theater utilization by knowing how many people will attend each performance, theaters can better allocate their resources
- A movie reservation system can offer valuable information about a customer's movie-watching preferences, which can be utilized to enhance the experience as a whole

Scope

The system should be able to handle the following:

- Users should be able to search for movies by title, genre, or actor/actress
- Users should be able to view movie showtimes in their cities and purchase tickets
- The system should keep track of tickets sold and available seats
- The system will keep track of movie gross income in the region
- Users should be able to rate movies they have seen
- The system should be able to recommend similar movies to users based on their ratings

Git Files

- dataformat.py - python script to format data from movies_dataset.csv and fits into database
- twitterScrap.py - python script to scrape data from twitter of specific movies
- movies_dataset.csv - Original dataset used for database from <https://data.world/>
- indian-movie-theaters.csv - dataset used for fetching data for theaters
- plots.ipynb - graphs for data visualization

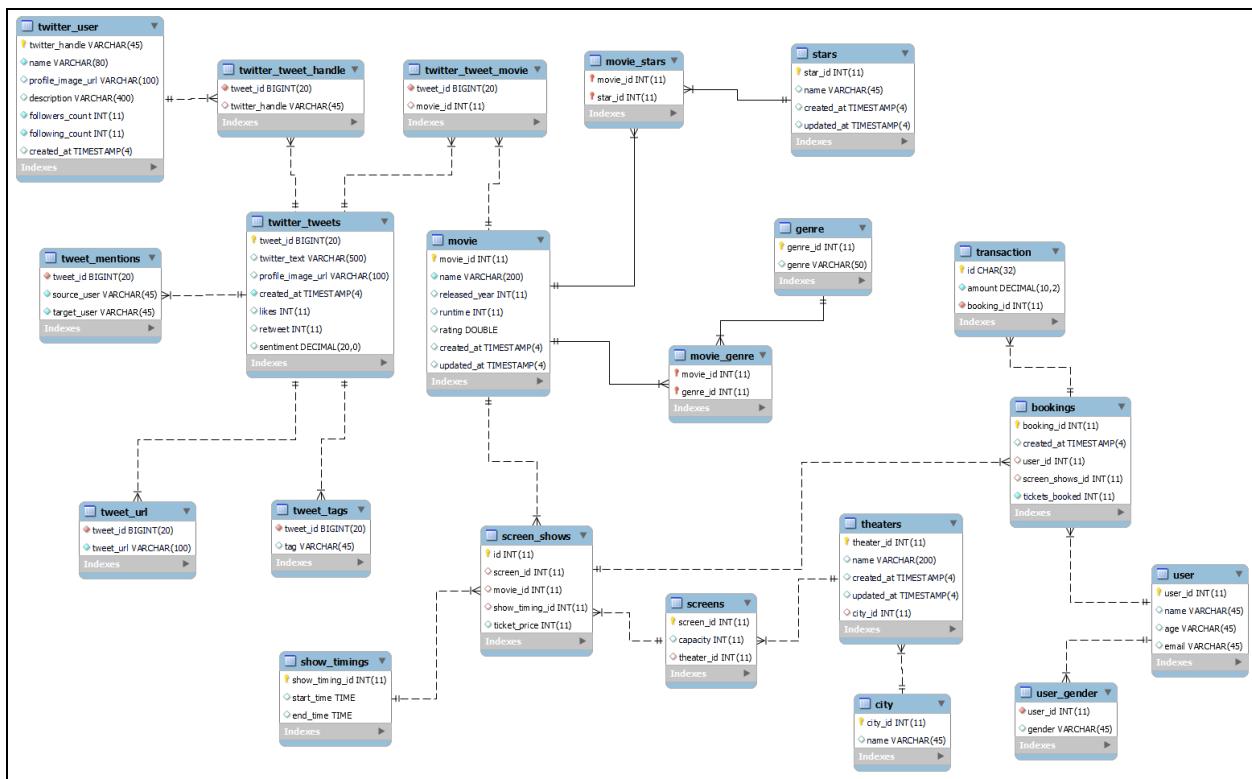
Steps followed to create the complete DB

- We researched and found the dataset for the selected topic. It is mentioned in the links below:
 - [Dataset 1](#)
 - [Dataset 2](#)
- Further, we created the schema using MySQL Workbench
- Processes like Cleaning, Munging and Scraping were performed on the datasets using python
- Web scrapped data from twitter and linked it with movie_database for the twitter bot assignment
- We inserted this data into the database and normalized it
- Further, we studied the database and created a few use cases and its queries, followed by creating its views

Steps to set-up the Database

- Setup database connection in MySQL Workbench
- Run “20.0.sql”
- Database schema is created with all tables
- Update the connection name and password in dataformat.py and twitterScrap.py
- Run “dataformat.py”
- Refer the “twitterScrap.py” (python script to scrape data from twitter)Twitter Bot python file to extract it -
- Once you run the python file it will 2 user inputs
- Tweet ID - Take any ID from the database - “twitter_tweets” table
- Twitter Handle - Take any Twitter Handle from the database - “twitter_tweets” table
- Refer "DMDD Data Auditing.ipynb" for Data Auditing.

Entity - Relationship Diagram



Snippets of database

Movies Table

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance 3306
- Tables:** bookings, city, genre, movie, movie_genre, movie_stars, screens, screen_shows, show_timings, stars, theaters, transaction, tweet_mentions, tweet_tags, tweet_url, twitter_tweet_handle, twitter_tweet_movie.
- Selected Table:** movie
- Query:** SELECT movie_id, name, released_year, runtime, rating FROM movie_ticket_reservation.movie;
- Result Grid:**

| | movie_id | name | released_year | runtime | rating |
|----|--------------------|------|---------------|---------|--------|
| 1 | Cirkus | 2022 | 112 | 9 | 5.1 |
| 2 | Mayday | 2022 | 141 | 5.1 | 3.4 |
| 3 | State vs Justice | 2022 | 120 | 1.9 | 3.4 |
| 4 | Timir | 2022 | 100 | 9.2 | 9.2 |
| 5 | #isComing | 2021 | 90 | 9.2 | 4.4 |
| 6 | 12 O'Clock | 2021 | 105 | 4.4 | 6.7 |
| 7 | 8119 Miles | 2021 | 115 | 6.6 | 2.8 |
| 8 | '93 | 2021 | 150 | 2.8 | 9.4 |
| 9 | Aa Bh Ja O Pyre | 2021 | 140 | 9.4 | 1.7 |
| 10 | Asavtan | 2021 | 116 | 1.7 | 8.6 |
| 11 | Aham Brahmasmi | 2021 | 106 | 8.6 | 2.6 |
| 12 | Ajeeb Daastaani | 2021 | 142 | 6.7 | 8.1 |
| 13 | Alpha Beta Ga... | 2021 | 124 | 6.7 | 7.1 |
| 14 | Ammaa Ki Boli | 2021 | 117 | 4.6 | 5.7 |
| 15 | Antenna | 2021 | 84 | 4.6 | 6.0 |
| 16 | Anubhull | 2021 | 110 | 9.6 | 9.6 |
| 17 | Asti the Ashes | 2021 | 110 | 8.3 | 8.3 |
| 18 | Bhool Bhulaiyaa 3 | 2021 | 138 | 9.3 | 9.3 |
| 19 | Balkumt | 2021 | 72 | 9.3 | 3.7 |
| 20 | Banerji: The Fl... | 2021 | 108 | 6.5 | 6.5 |
| 21 | Barah by Barah | 2021 | 118 | 5.7 | 5.7 |
| 22 | Bellbottom | 2021 | 130 | 5.7 | 6.0 |
| 23 | Bhasadbaaz | 2021 | 60 | 7.3 | 7.3 |
- Object Info:** Table: movie
- Session:** Columns: movie_id int PK, name varchar(200), released_year int

Theaters Table

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance 3306
- Tables:** bookings, city, genre, movie, movie_genre, movie_stars, screens, screen_shows, show_timings, stars, theaters, transaction, tweet_mentions.
- Selected Table:** theaters
- Query:** SELECT theater_id, name, city_id FROM movie_ticket_reservation.theaters;
- Result Grid:**

| | theater_id | name | city_id |
|----|---|------|---------|
| 0 | AB Mimpex: Shivenjini Cross Road, Satellite | 1 | 1 |
| 1 | Ampar Cinema: Ahmedabad | 1 | 1 |
| 2 | Anupam Cinema: Ahmedabad | 1 | 1 |
| 3 | Apsara Cinema, Behrampura | 1 | 1 |
| 4 | Aradhana Cinema, Behrampura | 1 | 1 |
| 5 | Carnival: Himalaya Mall | 1 | 1 |
| 6 | Cinemax: Dev Arc, Ahmedabad | 1 | 1 |
| 7 | Cinemax: Red Carpet, Ahmedabad | 1 | 1 |
| 8 | Cinemax: Shiv, Ahmedabad | 1 | 1 |
| 9 | Cinepolis: Alpha One Mall, Ahmedabad | 1 | 1 |
| 10 | City Gold Satellite: Ahmedabad | 1 | 1 |
| 11 | City Gold: Ashram Road | 1 | 1 |
| 12 | City Gold: Bapunagar | 1 | 1 |
| 13 | City Gold: Bopal | 1 | 1 |
| 14 | City Gold: Motera | 1 | 1 |
| 15 | Dream Mimpex: Naroda | 1 | 1 |
| 16 | Galaxy: Star City Road | 1 | 1 |
| 17 | Hanjer Cinema, Gandhi Ashram | 1 | 1 |
| 18 | K Sera Sera: SG Highway | 1 | 1 |
| 19 | Mira Cinema, Bharavath Road | 1 | 1 |
| 20 | Miraj Cinemas: Cine Pride: Krishna Nagar | 1 | 1 |
| 21 | Miraj Cinemas: Vithal Plaza, New Naroda | 1 | 1 |
| 22 | Miraj City Pulse: Ahmedabad | 1 | 1 |
- Object Info:** Table: theaters
- Session:** Columns: theater_id int PK, name varchar(200), created_at timestamp(4)

Transactions Table

The screenshot shows the MySQL Workbench interface with the 'Local instance 3306' connection selected. The left sidebar displays the 'SCHEMAS' tree, which includes tables like genre, movie, movie_genre, movie_stars, screens, screen_shows, show_timings, stars, theaters, transaction, tweet_mentions, tweet_tags, tweet_url, twitter_tweet_handle, twitter_tweet_movie, twitter_tweets, twitter_user, and user. The 'transaction' table is currently selected.

The main pane shows the 'Result Grid' for the query: `1 • SELECT * FROM movie_ticket_reservation.transaction;`. The results are listed in a table with columns: id, amount, and booking_id. The data includes various transaction entries with amounts ranging from 100.00 to 750.00 and booking IDs such as E4A4A18686D244A18686D2B, C5E82FECBEEB35579, and E4A4A18686D244A18686D2B.

On the right side, there are several panels: 'Context Help', 'Snippets', 'Result Grid' (selected), 'Form Editor', 'Field Types', 'Query Stats', and 'Execution Plan'. A message at the top right states: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

Tweets Tables

The screenshot shows the MySQL Workbench interface with the 'Local instance 3306' connection selected. The left sidebar displays the 'SCHEMAS' tree, which includes tables like movie_genre, movie_stars, screens, screen_shows, show_timings, stars, theaters, transaction, tweet_mentions, tweet_tags, tweet_url, twitter_tweet_handle, twitter_tweet_movie, twitter_tweets, twitter_user, user, and user_gender. The 'tweet_mentions' table is currently selected.

The main pane shows the 'Result Grid' for the query: `1 • SELECT * FROM movie_ticket_reservation.tweet_mentions;`. The results are listed in a table with columns: tweet_id, source_user, and target_user. The data includes various tweet mentions between users like IsabelAshdown, JoannaLouisePar, orionbooks, IndieDevDog, FirstBankngr, JoannaLouisePar, orionbooks, Benny_Manni, Pabloalchemist, shelfunread, IsabelAshdown, phaspecial, Pabloalchemist, wilsoncoker9, EP_Bard, and others.

On the right side, there are several panels: 'Context Help', 'Snippets', 'Result Grid' (selected), 'Form Editor', 'Field Types', 'Query Stats', and 'Execution Plan'. A message at the top right states: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help."

Views and its Output

1. Average Rating of the Genre - Comedy

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.avg_rating_comedy;
```

The result grid displays the following row:

| Average_Rating |
|-------------------|
| 5.521019771071802 |

2. Best Movies

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.best_movie;
```

The result grid displays a list of movies with their ratings:

| name | max(m.ratin...) |
|------------------------|-----------------|
| 1920 London | 4.1 |
| 1:137: Ek Tera Saath | 5.9 |
| 3.0 Megapixel | 4.3 |
| 31st October | 5.8 |
| 417 Miles | 4.8 |
| 7 Hours to Go | 5.7 |
| A Ballad of Maladies | 5.5 |
| A Billion Colour Story | 8.1 |
| A Call from the Past | 7 |
| A Death in the Gunj | 7.5 |
| A Dream Document | 8.6 |
| A Far Afternoon: a... | 7.7 |
| A Flying Jatt | 3 |
| A Scandal | 3.1 |
| Aa Jao Please | 6.8 |
| Aadupulyattam | 4.2 |
| Ab Tak Chhappan 2 | 5.8 |
| Adibhumi: Home Land | 6.5 |
| Ae Dil Hai Mushkil | 5.8 |
| Airlift | 8 |
| Aisa Yeh Jahaan | 6.6 |
| Ajeeb Aashiq | 4.5 |
| Al-kaanda | 4.3 |

3. Different Ticket Prices

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.diff_ticket_prices;
```

The result grid displays the following data:

| COUNT(ss.screen_id) | MAX(ss.ticket_price) |
|---------------------|----------------------|
| 45 | 200 |
| 46 | 170 |
| 45 | 150 |
| 44 | 140 |
| 45 | 130 |
| 48 | 100 |

4. Best Rated movie in the Drama Genre

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.drama_good_ratings_movies;
```

The result grid displays the following data:

| name | released_year | rating | genre |
|-----------------|---------------|--------|-------|
| Love Qubool Hai | 2020 | 10 | Drama |

5. Highest Positive Tweet Movies

The screenshot shows a MySQL Workbench interface. The query editor at the top contains the SQL command:

```
1 •  SELECT * FROM movie_database.highest_positive_tweet_movie;
```

The results grid below shows the output:

| name |
|--------------|
| Amin Hajee |
| Amyra Dastur |
| Elli Avrram |
| Kunal Kapoor |

6. Genre with highest rating

The screenshot shows a MySQL Workbench interface. The query editor at the top contains the SQL command:

```
1 •  SELECT * FROM movie_ticket_reservation.highest_rating_genre;
```

The results grid below shows the output:

| genre | genre_id | MAX(m.ratin... |
|------------|----------|----------------|
| Reality-TV | 17 | 9.6 |

7. Movie names with highest tweets

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.highest_retweets_movie;
```

The result grid displays the following data:

| name |
|---------------|
| Sangam Shukla |
| Vijay Thakur |
| Vishwa Bhanu |

8. Theaters with least sales

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.least_sales_theaters;
```

The result grid displays the following data:

| name | total |
|------------------------------------|--------|
| INOX: Mantri Square, Malleshwaram | 100.00 |
| SVC Mahalakshmi Screen 2: Kothapet | 100.00 |
| Nagendra 70 Mm, Main Road | 100.00 |

9. Movie names with least tweets

The screenshot shows the MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 • | SELECT * FROM movie_ticket_reservation.least_tweets_movie;
```

The results grid displays one row:

| name | count |
|------------|-------|
| Bellbottom | 2 |

10. Maximum Bookings

The screenshot shows the MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 • | SELECT * FROM movie_database.least_tweets_movie;
```

The results grid displays one row:

| name | count |
|-------------|-------|
| Junglemahal | 1 |

11. Actors with maximum movie releases in 2016

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation._max_movie_releases;
```

The result grid displays the following data:

| top_actors | name | released_year |
|------------|------------------|---------------|
| 7 | Jimmy Sheirgill | 2016 |
| 5 | Om Puri | 2016 |
| 5 | Amitabh Bachchan | 2016 |
| 4 | Rajniesh Duggal | 2016 |
| 4 | Manoj Bajpayee | 2016 |

12. Movie with minimum runtime

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.min_runtime;
```

The result grid displays the following data:

| NAME |
|---------------------------------------|
| Khota Ishq?: What is the sex of love? |

13. Most booked date

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 •  SELECT * FROM movie_database.most_booked_date;
```

The results grid displays one row of data:

| created_at | tickets_booked |
|--------------------------|----------------|
| 2020-12-20 11:37:09.0000 | 10 |

14. Highest rated movie by Priyanka Chopra

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.most_hit_by_priyanka;
```

The results grid displays one row of data:

| name | released_year | rating |
|---------|---------------|--------|
| Krish 3 | 2013 | 5.2 |

15. Most mentions

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.most_mentions;
```

The result grid displays one row with the following data:

| name | all_mentions |
|------|--------------|
| '83 | 17 |

The status bar at the bottom indicates "most_mentions 1".

16. Most negative reviews

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.most_negative_reviews;
```

The result grid displays one row with the following data:

| name | sentiment |
|------------|-----------|
| 12 O'Clock | -7 |

The status bar at the bottom indicates "most_negative_reviews 1".

17. Most Tweets

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.most_tweets;
```

The result grid displays one row of data:

| name | tweet_cou... |
|-------------|--------------|
| #Homecoming | 15 |

18. Most tagged movie on twitter

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.most_tweet_tags_movie;
```

The result grid displays one row of data:

| name | COUNT(tt.ta...) |
|----------|-----------------|
| Anubhuti | 45 |

19. Movie Actors

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.movie_actors;
```

The result grid displays the following data:

| actor | name | released_year |
|-----------------------|----------------|---------------|
| Sayani Gupta | #Homecoming | 2021 |
| Soumyajit Majumdar | #Homecoming | 2021 |
| Dalip Tahil | 12 O'Clock | 2021 |
| Makrand Deshpande | 12 O'Clock | 2021 |
| Mithun Chakraborty | 12 O'Clock | 2021 |
| Ram Gopal Varma | 12 O'Clock | 2021 |
| Guy Bleyaert | 8119 Miles | 2021 |
| Joe Eshwar | 8119 Miles | 2021 |
| Kuriakose Oonittan | 8119 Miles | 2021 |
| Ranji Vijayan | 8119 Miles | 2021 |
| Deepika Padukone | '83 | 2021 |
| Kabir Khan | '83 | 2021 |
| Ranveer Singh | '83 | 2021 |
| Tahir Raj Bhasin | '83 | 2021 |
| Abhijeet Lahiri | Aa Bhi Ja O... | 2021 |
| Akanksha Sinha | Aa Bhi Ja O... | 2021 |
| Mukul Nag | Aa Bhi Ja O... | 2021 |
| Rajesh Harivansh... | Aa Bhi Ja O... | 2021 |
| Durba Sahay | Aavartan | 2021 |
| Shovana Narayan | Aavartan | 2021 |
| Sunit Razdan | Aavartan | 2021 |
| Sushma Seth | Aavartan | 2021 |
| Megastar Maharishe... | Aham Brahm... | 2021 |

20. Movie_maximum Bookings

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 •  SELECT * FROM movie_database.movie_max_bookings;
```

The result grid displays the following data:

| name | released_year | total |
|----------|---------------|-------|
| Aavartan | 2021 | 12150 |

21. Maximum Movie Screens

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 • | SELECT * FROM movie_database.movie_max_screens;
```

The results grid displays the following data:

| | name | released_year | totalScreens |
|---|--------------------------------|---------------|--------------|
| ▶ | Gunjan Saxena: The Kargil Girl | 2020 | 1178 |
| | Demons of the inner universe | 2020 | 1178 |
| | Jihad | 2017 | 1176 |

22. Number of Screens in each City

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 • | SELECT * FROM movie_ticket_reservation.screens_city;
```

The results grid displays the following data:

| | name | COUNT(s.screen_i...) |
|---|-----------|----------------------|
| ▶ | Bangalore | 301 |
| | Hyderabad | 267 |
| | Mumbai | 218 |
| | Delhi | 118 |
| | Kolkata | 106 |
| | Chennai | 92 |
| | Ahmedabad | 67 |
| | Kochi | 21 |

23. Ratings of all movies by SRK

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 • SELECT * FROM movie_ticket_reservation.srk;
```

The result grid displays the following data:

| SRK | rating |
|---------------------|--------|
| Zero | 5.4 |
| Jab Harry Met Sejal | 5.3 |
| Dear Zindagi | 7.5 |
| Fan | 7 |
| Dilwale | 5.1 |
| Happy New Year | 5 |
| Chennai Express | 6 |
| Jab Tak Hai Jaan | 6.7 |
| Don 2 | 7.1 |
| Ra.One | 4.7 |
| My Name Is Khan | 8 |
| Rab Ne Bana Di J... | 7.2 |
| Chak De! India | 8.2 |
| Om Shanti Om | 6.7 |
| Don | 7.2 |
| Kabhi Alvida Naa... | 6.1 |
| Paheli | 6.5 |
| Main Hoon Na | 7 |
| Swades | 8.2 |
| Veer-Zaara | 7.8 |
| Yeh Lamhe Judaai... | 3.7 |
| Chalte Chalte | 6.6 |
| Kal Ho Naa Ho | 7.9 |

24. List of Theaters

The screenshot shows the MySQL Workbench interface with a query editor and a result grid. The query is:

```
1 • SELECT * FROM movie_ticket_reservation.theater;
```

The result grid displays the following data:

| name |
|---------------------------------------|
| Satyam Theatre: Ameerpet |
| Ashish Theatre, Chembur Extension |
| Premier Gold: Dongri |
| Priya Cinema: Rashbehari Avenue |
| PVR: 3CS, Delhi |
| Sri Maruthi Theatre, Rajagopal Nagar |
| Cinemax: Shiv, Ahmedabad |
| Gagan Cinema: Delhi |
| Akash Cinema, Kurta North |
| Carnival: Rockline Mall |
| Alankar Cinema, Ambewadi |
| Fun Cinemas: North Square Mall, Pi... |
| Tivoli Cinema: Extreme |
| Sharada Cinema: Dadar (E) |
| Sapna Cinemas: Abids |
| Sharada 70mm: Kapra |
| Mitra Cinema Hall: Kolkata |
| Sudarshan 35mm 4k & Dolby Atmos... |
| City Gold: Bopal |
| Vijayalakshmi Digital 2K Cinema: G... |
| Sri Ganga Cinemas Dolby Atmos ... |
| INOX: Raghuleela Mall, Kandivali (W) |
| Asoka Cinema: Behala |

25. Theater with Highest Sales

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 •  SELECT * FROM movie_database.theater_highest_sales;
```

The results grid displays one row:

| name | MAX(s.ticket_price*b.tickets_booked) |
|-------------------------|--------------------------------------|
| Carnival: Himalaya Mall | 2000 |

26. Top hit movies by Ajay Devgn

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.top_hit_ajay;
```

The results grid displays a list of movies with their ratings and movie IDs. The data is as follows:

| name | rating | movie_id |
|------------------------------|--------|----------|
| Drishyam | 8.2 | 1579 |
| The Legend of Bhagat Singh | 8.1 | 3689 |
| Omkara | 8.1 | 3115 |
| Company | 7.9 | 3601 |
| Gangaajal | 7.8 | 3493 |
| Tanhaiji: The Unsung Warrior | 7.6 | 335 |
| Raincoat | 7.6 | 3423 |
| Golmaal: Fun Unlimited | 7.4 | 3072 |
| Raid | 7.4 | 895 |
| Khakee | 7.4 | 3380 |

27. Total Income by Inox

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.total_income;
```

The results grid displays one row of data:

| totalSales | name |
|------------|---------------------------------|
| 19420.00 | INOX: Garuda Mall, Magrath Road |

28. Total Screens in Mumbai

The screenshot shows a MySQL Workbench interface with a query editor and a results grid. The query is:

```
1 •  SELECT * FROM movie_ticket_reservation.total_screens_mumbai;
```

The results grid displays one row of data:

| name | COUNT(ts.screen_i...) |
|--------|-----------------------|
| Mumbai | 218 |

29. Total theaters in Ahmedabad

The screenshot shows a MySQL Workbench interface. The SQL editor at the top contains the query: `SELECT * FROM movie_ticket_reservation.total_theaters_ahmedabad;`. The results grid below shows one row with the value '36' under the column 'NoOf...'. The status bar at the bottom indicates 'total_theaters_ahmedabad 1'.

| NoOf... |
|---------|
| 36 |

30. Year with least number of movies

The screenshot shows a MySQL Workbench interface. The SQL editor at the top contains the query: `SELECT * FROM movie_ticket_reservation.year_least_no_movies;`. The results grid below shows one row with the values '2022' and '4' under the columns 'released_year' and 'movie_count' respectively. The status bar at the bottom indicates 'year_least_no_movies 1'.

| released_year | movie_count |
|---------------|-------------|
| 2022 | 4 |