INDIAN BOX OFFICE ANALYSIS

Problem Statement: The Indian Box Office dataset comprises detailed information on films for the last 10 years, including aspects such as film titles, release dates, lead actors/actresses, industries, budgets, collections, verdicts, IMDb ratings, runtimes, OTT platforms, directors, languages, and genres. Participants are tasked with leveraging SQL to analyse this dataset and derive meaningful insights that can inform decision-making within the film industry.
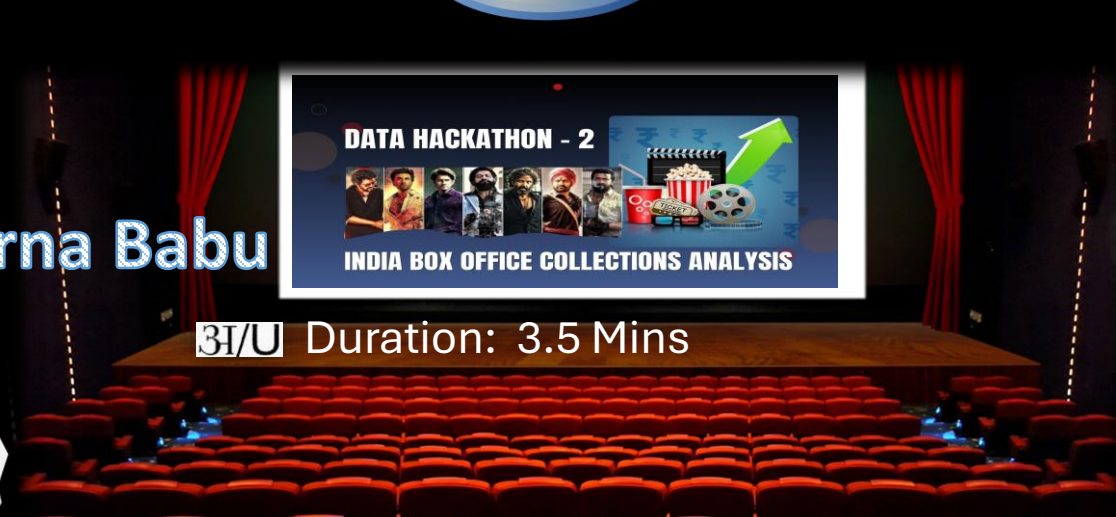
Dataset provided:

- Boxoffice.csv
- Director.csv
- Genre.csv
- Language.csv

Story,
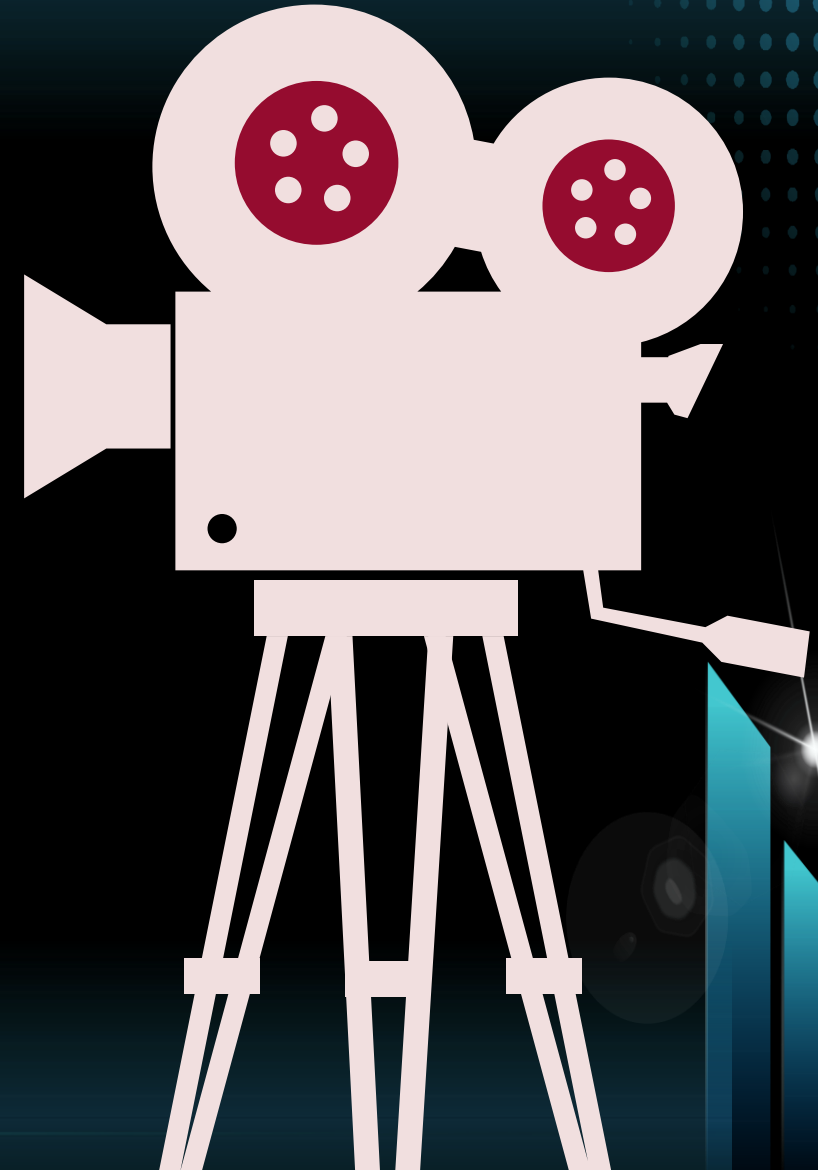Screenplay,
Music,
Producer,
Director: **Inturi Suparna Babu**

DATA HACKATHON - 2

INDIA BOX OFFICE COLLECTIONS ANALYSIS

3H/U Duration: 3.5 Mins

INDIAN BOX OFFICE ANALYSIS

Let's Begin the Show

INDIAN BOX OFFICE ANALYSIS

```sql
#1)Write a query to get Total films released ?
SELECT COUNT(FILMID) AS TOTALFILMS_RELEASED FROM BOXOFFICE;


#2)Write a query to get Total budget ?
SELECT SUM(BUDGET) AS TOTAL_BUDGET FROM BOXOFFICE;


#3)Write a query to get Total worldwide collection ?
SELECT SUM(Worldwide_Collection) AS Total_worldwide_collection FROM BOXOFFICE;


#4)Write a query to get Total First day collection worldwide ?
SELECT SUM(First_Day_Collection_Worldwide) AS TOTAL_1st_DAY_COLLECTIONS FROM BOXOFFICE;


#5)Write a query to get Total Overseas collection ?
SELECT SUM(Overseas_Collection) AS Total_Overseas_collection FROM BOXOFFICE;


#6)Write a query to get Total India Gross collection ?
SELECT SUM(India_Gross_Collection) AS Total_India_Gross_collection FROM BOXOFFICE;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#7)Top 10 filmsbased on world wide collections. Display films,collections
SELECT TITLE,SUM(Worldwide_Collection) AS Total_worldwide_collection
FROM BOXOFFICE
GROUP BY TITLE
ORDER BY Total_worldwide_collection DESC
LIMIT 10;


#8)Total Number of films released by year?
SELECT YEAR,COUNT(FILMID) AS TOTAL_FILMS_COUNT
FROM BOXOFFICE
GROUP BY YEAR
ORDER BY TOTAL_FILMS_COUNT DESC;


#9)Top 10 filmsbased on india collections?
SELECT TITLE,SUM(India_Gross_Collection) AS INDIA_COLLECTIONS
FROM BOXOFFICE
GROUP BY TITLE
ORDER BY INDIA_COLLECTIONS DESC
LIMIT 10;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#10)Top 10 filmsbased on overses collections.Display films,collections
SELECT TITLE,SUM(Overseas_Collection) AS Total_Overseas_collection
FROM BOXOFFICE
GROUP BY TITLE
ORDER BY Total_Overseas_collection DESC
LIMIT 10;

#11)Top 10 filmsbased on firstday collections.Display films,collections
SELECT TITLE,SUM(First_Day_Collection_Worldwide) AS TOTAL_1st_DAY_COLLECTIONS
FROM BOXOFFICE
GROUP BY TITLE
ORDER BY TOTAL_1st_DAY_COLLECTIONS DESC
LIMIT 10;

#12)Weekday wise films released,Display week name and no of films released?
SELECT WEEK_NAME,COUNT(FILMID) AS TOTAL_FILMS_COUNT
FROM BOXOFFICE
GROUP BY WEEK_NAME
ORDER BY TOTAL_FILMS_COUNT DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#13)Write a query to get OTT platofrm wise movies count?
SELECT OTT_PLATFORM,COUNT(FILMID) AS TOTAL_FILMS_COUNT
FROM BOXOFFICE
GROUP BY OTT_PLATFORM
ORDER BY TOTAL_FILMS_COUNT DESC;


#14)Top 10 Directors by films released?
SELECT D.DIRECTOR,COUNT(B.FILMID) AS TOTAL_FILMS_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY TOTAL_FILMS_COUNT DESC
LIMIT 10;


#15)Top 10 directors by world wide collection?
SELECT D.DIRECTOR,SUM(B.Worldwide_Collection) AS Total_worldwide_collection
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY Total_worldwide_collection DESC
LIMIT 10;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#16)Top10 lead actors by world wide collection?
SELECT Lead_Actor_Actress,SUM(Worldwide_Collection) AS Total_worldwide_collection
FROM BOXOFFICE
GROUP BY Lead_Actor_Actress
ORDER BY Total_worldwide_collection DESC
LIMIT 10;


#17)Top 10 movies by IMDb rating?
SELECT TITLE,IMDb_Rating
FROM BOXOFFICE
ORDER BY IMDb_Rating DESC
LIMIT 10;


#18)Bottom 10 movies by IMDb rating?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
ORDER BY IMDB_RATING ASC
LIMIT 10;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#19)Write a query to get 5 longest run time movies?
SELECT TITLE,Runtime_mins
FROM BOXOFFICE
ORDER BY Runtime_mins DESC
LIMIT 5;


#20)Write a query to get 5 shortest run time movies?
SELECT TITLE,Runtime_mins
FROM BOXOFFICE
ORDER BY Runtime_mins ASC
LIMIT 5;


#21)Top7 movies by world wide collection in Bollywood?
SELECT TITLE,SUM(Worldwide_Collection) AS TOTAL_WORLDWIDE_COLLECTION
FROM BOXOFFICE
WHERE INDUSTRY = "BOLLYWOOD"
GROUP BY TITLE
ORDER BY TOTAL_WORLDWIDE_COLLECTION DESC
LIMIT 7;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#22)Top7 movies by world wide collection in Tollywood?
SELECT TITLE,SUM(Worldwide_Collection) AS TOTAL_WORLDWIDE_COLLECTION
FROM BOXOFFICE
WHERE INDUSTRY = "TOLLYWOOD"
GROUP BY TITLE
ORDER BY TOTAL_WORLDWIDE_COLLECTION DESC
LIMIT 7;


#23)Top7 movies by world wide collection in Kollywood?
SELECT TITLE,SUM(Worldwide_Collection) AS TOTAL_WORLDWIDE_COLLECTION
FROM BOXOFFICE
WHERE INDUSTRY = "KOLLYWOOD"
GROUP BY TITLE
ORDER BY TOTAL_WORLDWIDE_COLLECTION DESC
LIMIT 7;


#24)Top7 movies by world wide collection in Sandalwood?
SELECT TITLE,SUM(Worldwide_Collection) AS TOTAL_WORLDWIDE_COLLECTION
FROM BOXOFFICE
WHERE INDUSTRY = "SANDALWOOD"
GROUP BY TITLE
ORDER BY TOTAL_WORLDWIDE_COLLECTION DESC
LIMIT 7;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#25)Top7 movies by world wide collection in Mollywood?
SELECT TITLE,SUM(Worldwide_Collection) AS TOTAL_WORLDWIDE_COLLECTION
FROM BOXOFFICE
WHERE INDUSTRY = "MOLLYWOOD"
GROUP BY TITLE
ORDER BY TOTAL_WORLDWIDE_COLLECTION DESC
LIMIT 7;


#26)Write query to display industry and verdict wise films count?
SELECT INDUSTRY,VERDICT,COUNT(FILMID) AS FILMS_COUNT
FROM BOXOFFICE
GROUP BY INDUSTRY,VERDICT
ORDER BY INDUSTRY;


#27)Write query to get films based on budget in Bollywood?
SELECT TITLE,SUM(BUDGET) AS TTL_BUDGET
FROM BOXOFFICE
WHERE INDUSTRY = "BOLLYWOOD"
GROUP BY TITLE;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#28)Write query to get films based on budget in Tollywood?
SELECT TITLE,SUM(BUDGET) AS TTL_BUDGET
FROM BOXOFFICE
WHERE INDUSTRY = "TOLLYWOOD"
GROUP BY TITLE;


#29)Write query to get films based on budget in Kollywood?
SELECT TITLE,SUM(BUDGET) AS TTL_BUDGET
FROM BOXOFFICE
WHERE INDUSTRY = "KOLLYWOOD"
GROUP BY TITLE;


#30)Write query to get films based on budget in Sandalwood?
SELECT TITLE,SUM(BUDGET) AS TTL_BUDGET
FROM BOXOFFICE
WHERE INDUSTRY = "SANDALWOOD"
GROUP BY TITLE;


#31)Write query to get films based on budget in Mollywood?
SELECT TITLE,SUM(BUDGET)AS TTL_BUDGET
FROM BOXOFFICE
WHERE INDUSTRY = "MOLLYWOOD"
GROUP BY TITLE;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#32)Top 5 movies by IMDb rating from Bollywood?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
WHERE INDUSTRY = "BOLLYWOOD"
ORDER BY IMDB_RATING DESC
LIMIT 5;

#33)Top 5 movies by IMDb rating from  Kollywood?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
WHERE INDUSTRY = "KOLLYWOOD"
ORDER BY IMDB_RATING DESC
LIMIT 5;

#34)Top 5 movies by IMDb rating from Tollywood?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
WHERE INDUSTRY = "TOLLYWOOD"
ORDER BY IMDB_RATING  DESC
LIMIT 5;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#35)Top 5 movies by IMDb rating from Sandalwood?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
WHERE INDUSTRY = "SANDALWOOD"
ORDER BY IMDB_RATING DESC
LIMIT 5;


#36)Top 5 movies by IMDb rating from Mollywood?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
WHERE INDUSTRY = "MOLLYWOOD"
ORDER BY IMDB_RATING DESC
LIMIT 5;


#37)Write a query to get language wise budget?
SELECT L.LANGUAGE,SUM(B.BUDGET) AS TTL_BUDGET
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID=B.LANGUAGEID
GROUP BY L.LANGUAGE
ORDER BY TTL_BUDGET DESC;
```

INDIAN BOX OFFICE ANALYSIS

```
#38)Write a query to get language wise how many directors are there?
SELECT L.LANGUAGE,COUNT(DISTINCT(B.DIRECTORID)) AS DIRECTORS_COUNT
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE
ORDER BY DIRECTORS_COUNT DESC;


#39)Write a query to get language wise worldwide total collection ?
SELECT L.LANGUAGE,SUM(B.Worldwide_Collection) AS Total_Worldwide_Collection
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE
ORDER BY Total_Worldwide_Collection DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#40)Write a query to get language, lead actor/actress wise films they acted?
SELECT L.LANGUAGE,B.LEAD_ACTOR_ACTRESS,COUNT(B.FILMID) AS FILM_COUNT
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE,B.LEAD_ACTOR_ACTRESS
ORDER BY FILM_COUNT DESC;


#41)Write a query to get language, year wise films released?
SELECT L.LANGUAGE,B.YEAR,COUNT(B.FILMID) AS FILM_COUNT
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE,B.YEAR
ORDER BY FILM_COUNT DESC;


#42)Write a query to get films which was not released on overseas?
SELECT TITLE
FROM BOXOFFICE
WHERE Overseas_Collection = 0;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#43)Write a query to get language wise top 3 longest runtime moves?
SELECT LANGUAGE,TITLE,RUNTIME_MINS FROM (
SELECT L.LANGUAGE,B.TITLE,B.RUNTIME_MINS,
DENSE_RANK() OVER(PARTITION BY L.LANGUAGE ORDER BY B.RUNTIME_MINS DESC) AS RNK
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID ) A
WHERE RNK <=3;


#44)Write a query to get language wise bottom 5 shortest runtime moves?
SELECT LANGUAGE,TITLE,RUNTIME_MINS FROM(
SELECT L.LANGUAGE,B.TITLE,B.RUNTIME_MINS,
DENSE_RANK() OVER(PARTITION BY L.LANGUAGE ORDER BY RUNTIME_MINS ASC) AS RNK
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID) A
WHERE RNK <=3;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#45)Write a query to get language wise top 5 films based first day collections?
SELECT LANGUAGE,TITLE,TTL1STDAYWWCOLLECTION FROM(
SELECT L.LANGUAGE,B.TITLE,SUM(B.First_Day_Collection_Worldwide) AS TTL1STDAYWWCOLLECTION,
DENSE_RANK() OVER(PARTITION BY L.LANGUAGE ORDER BY SUM(B.First_Day_Collection_Worldwide) DESC) AS RNK
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE,B.TITLE) A
WHERE RNK <= 5;


#46)Write a query to get language wise top 5 films based India gross collections?
SELECT LANGUAGE,TITLE,INDGROSSCOLLECTION FROM(
SELECT L.LANGUAGE,B.TITLE,SUM(B.India_Gross_Collection) AS INDGROSSCOLLECTION,
DENSE_RANK() OVER(PARTITION BY L.LANGUAGE ORDER BY SUM(B.India_Gross_Collection) DESC) AS RNK
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE,B.TITLE) A
WHERE RNK <=5;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#47)Write a query to get language, Director wise films count?
SELECT L.LANGUAGE,D.DIRECTOR,COUNT(B.FILMID) AS FILMS_COUNT
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
JOIN DIRECTOR D
ON B.DIRECTORID = D.DIRECTORID
GROUP BY L.LANGUAGE,B.DIRECTORID,D.DIRECTOR;


#48)Write a query to get language wise OTT platofrm wise fims count?
SELECT L.LANGUAGE,B.OTT_PLATFORM,COUNT(B.FILMID) AS FILM_COUNT
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE,B.OTT_PLATFORM;


#49)What are top 10 fimns based language and first day collection?
SELECT LANGUAGE,TITLE,WW1stDAYCOLLECTION FROM (
SELECT L.LANGUAGE,B.TITLE,SUM(B.First_Day_Collection_Worldwide) AS WW1stDAYCOLLECTION,
DENSE_RANK() OVER(PARTITION BY L.LANGUAGE ORDER BY SUM(B.First_Day_Collection_Worldwide) DESC) AS RNK
FROM LANGUAGE L JOIN BOXOFFICE B
ON L.LANGUAGEID = B.LANGUAGEID
GROUP BY L.LANGUAGE,B.TITLE) A
WHERE RNK <=10;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#50)Write a query to get director wise number of fims released in from year 2017 to 2019?
SELECT D.DIRECTOR,COUNT(B.FILMID) AS FILMS_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE YEAR IN (2017,2018,2019)
GROUP BY D.DIRECTOR
ORDER BY FILMS_COUNT DESC;


#51)Write a query to get director wise world wide collections?
SELECT D.DIRECTOR,SUM(B.Worldwide_Collection) AS WWCOLLECTIONS
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY WWCOLLECTIONS DESC;


#52)Write a query to get director wise first day world wide collections?
SELECT D.DIRECTOR,SUM(B.First_Day_Collection_Worldwide) AS WW1stDAYCOLLECTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY WW1stDAYCOLLECTION DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#53)Write a query to get director wise India gross collections?
SELECT D.DIRECTOR,SUM(B.India_Gross_Collection) AS INDIA_GROSS_COLLECTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY INDIA_GROSS_COLLECTION DESC;


#54)Write a query to get director wise overseas collections?
SELECT D.DIRECTOR,SUM(B.Overseas_Collection) AS OVERSEAS_COLLECTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY OVERSEAS_COLLECTION DESC;


#55)Write a query to get director, lead actor/actress and number of films?
SELECT D.DIRECTOR,B.LEAD_ACTOR_ACTRESS,COUNT(B.FILMID) AS FILM_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR,B.LEAD_ACTOR_ACTRESS
ORDER BY FILM_COUNT DESC ;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#56)Write a query to get films which is having budget between 150 crores and 277 crores?
SELECT TITLE,SUM(BUDGET) AS TTL_BUDGET
FROM BOXOFFICE
GROUP BY TITLE
HAVING TTL_BUDGET >=  150 AND TTL_BUDGET <=  277
ORDER BY TTL_BUDGET DESC;


#57)Write a query to get director, week name wise films released
SELECT D.DIRECTOR,B.WEEK_NAME,COUNT(B.FILMID) AS FILMS_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR,B.WEEK_NAME
ORDER BY FILMS_COUNT DESC;


#58)Write a query to get OTT platofrm and director wise films released?
SELECT B.OTT_PLATFORM,D.DIRECTOR,COUNT(B.FILMID) AS FILM_COUNT
FROM BOXOFFICE B JOIN DIRECTOR D
ON B.DIRECTORID = D.DIRECTORID
GROUP BY B.OTT_PLATFORM,D.DIRECTOR ;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#59)Write a query to get director wise films released on Friday only?
SELECT D.DIRECTOR,COUNT(B.FILMID) AS FILMS_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE WEEK_NAME = "FRIDAY"
GROUP BY D.DIRECTOR;


#60)Write a query to get films based on IMDb reating between 6.5 and 7.7?
SELECT TITLE,IMDB_RATING
FROM BOXOFFICE
HAVING IMDB_RATING >= 6.5 AND IMDB_RATING <= 7.7;


#61)Write a query to get director,films and IMDb ratings?
SELECT D.DIRECTOR,B.TITLE,B.IMDB_RATING
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#62)Write a query to get films with highest budget based flop verdict? #budget greater that 100cr
SELECT TITLE,BUDGET,VERDICT
FROM BOXOFFICE
WHERE VERDICT = "FLOP"
HAVING BUDGET >=100
ORDER BY BUDGET DESC ;


#63)Write a query to get total number of directors?
SELECT COUNT(DIRECTORID) AS TOTAL_DIRECTORS_COUNT
FROM DIRECTOR;


#64)Write a query to get vedridct wise total films released?
SELECT VERDICT,COUNT(FILMID) AS TOTAL_FILMS
FROM BOXOFFICE
GROUP BY VERDICT
ORDER BY TOTAL_FILMS DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#65)Write a query to get top 10 directors based number of films?
SELECT D.DIRECTOR,COUNT(B.FILMID) AS FILMS_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY D.DIRECTOR
ORDER BY FILMS_COUNT DESC
LIMIT 10;


#66)Write a query to get top 5 directors based on world wide collections and also industry wise?
SELECT INDUSTRY,DIRECTOR,WW_COLLECTIONS FROM
(SELECT B.INDUSTRY,D.DIRECTOR,SUM(B.Worldwide_Collection) AS WW_COLLECTIONS,
DENSE_RANK() OVER(PARTITION BY B.INDUSTRY ORDER BY SUM(B.Worldwide_Collection) DESC) AS RNK
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
GROUP BY B.INDUSTRY,D.DIRECTOR) A
WHERE RNK <=5;
```

INDIAN BOX OFFICE ANALYSIS


```sql
#67)Write a query to get top 3 directors based on India gross collections in BollYwood industry?
SELECT D.DIRECTOR,SUM(B.India_Gross_Collection) AS IND_GROSS_COLELCTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE INDUSTRY = "BOLLYWOOD"
GROUP BY D.DIRECTOR
ORDER BY IND_GROSS_COLELCTION DESC
LIMIT 3;


#68) Write a query to get top 3 directors based on India gross collections in Tollywood industry?
SELECT D.DIRECTOR,SUM(B.India_Gross_Collection) AS IND_GROSS_COLELCTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE INDUSTRY = "TOLLYWOOD"
GROUP BY D.DIRECTOR
ORDER BY IND_GROSS_COLELCTION DESC
LIMIT 3;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#69)Write a query to get top 3 directors based on India gross collections in Kollywood industry?
SELECT D.DIRECTOR, SUM(B.India_Gross_Collection) AS IND_GROSS_COLELCTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE INDUSTRY = "KOLLYWOOD"
GROUP BY D.DIRECTOR
ORDER BY IND_GROSS_COLELCTION DESC
LIMIT 3;


#70) Write a query to get top 3 directors based on India gross collections in Mollywood industry?
SELECT D.DIRECTOR,SUM(B.India_Gross_Collection) AS IND_GROSS_COLELCTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE INDUSTRY = "MOLLYWOOD"
GROUP BY D.DIRECTOR
ORDER BY IND_GROSS_COLELCTION DESC
LIMIT 3;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#71) Write a query to get top 3 directors based on India gross collections in Sandalwood industry?
SELECT D.DIRECTOR,SUM(B.India_Gross_Collection) AS IND_GROSS_COLELCTION
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
WHERE INDUSTRY = "SANDALWOOD"
GROUP BY D.DIRECTOR
ORDER BY IND_GROSS_COLELCTION DESC
LIMIT 3;


#72)Write a query to get total number of generes?
SELECT COUNT(GENREID) AS TOTAL_GENRE_COUNT
FROM GENRE;


#73)Write query to get director,language,genere films count?
SELECT D.DIRECTOR,L.LANGUAGE,G.GENRE,COUNT(B.FILMID) AS FILMS_COUNT
FROM DIRECTOR D JOIN BOXOFFICE B
ON D.DIRECTORID = B.DIRECTORID
JOIN LANGUAGE L
ON L.LANGUAGEID = B.LANGUAGEID
JOIN GENRE G
ON G.GENREID = B.GENREID
GROUP BY D.DIRECTOR,L.LANGUAGE,G.GENRE;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#74)Write a query to genere wise budget?
SELECT G.GENRE,SUM(B.BUDGET) AS TTL_BUDGET
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
GROUP BY G.GENRE
ORDER BY TTL_BUDGET DESC;

#75)Write a query to get genere wise first day worldwide collections?
SELECT G.GENRE,SUM(B.First_Day_Collection_Worldwide) AS WW1stDAY_COLLECTIONS
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
GROUP BY G.GENRE
ORDER BY WW1stDAY_COLLECTIONS DESC;

#76)Write a query to get genere wise overseas collections?
SELECT G.GENRE,SUM(B.Overseas_Collection) AS OVERSEAS_COLLECTIONS
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
GROUP BY G.GENRE
ORDER BY OVERSEAS_COLLECTIONS DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#77)Write a query to get genere wise India gross collections?
SELECT G.GENRE,SUM(B.India_Gross_Collection) AS IND_GROSS_COLLECTIONS
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
GROUP BY G.GENRE
ORDER BY IND_GROSS_COLLECTIONS DESC;


#78)Write a query to get genere wise top 2 longest run time movies?
SELECT GENRE,TITLE,RUNTIME_MINS FROM(
SELECT G.GENRE,B.TITLE,B.RUNTIME_MINS,
DENSE_RANK() OVER(PARTITION BY G.GENRE ORDER BY B.RUNTIME_MINS DESC) AS RNK
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID) A
WHERE RNK <= 2;


#79)Write a query to get genere wise bottom shortest runtime movies?
SELECT GENRE,TITLE,RUNTIME_MINS FROM(
SELECT G.GENRE,B.TITLE,B.RUNTIME_MINS,
DENSE_RANK() OVER(PARTITION BY G.GENRE ORDER BY B.RUNTIME_MINS ASC) AS RNK
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID) A
WHERE RNK <=2;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#80)Write a query to get verdict, genere wise films released?
SELECT B.VERDICT,G.GENRE,B.TITLE
FROM BOXOFFICE B JOIN GENRE G
ON B.GENREID = G.GENREID;


#81)Write a query to get genere, OTT platform wise films count?
SELECT G.GENRE,B.OTT_PLATFORM,COUNT(B.FILMID) AS FILMS_COUNT
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
GROUP BY G.GENRE,B.OTT_PLATFORM
ORDER BY FILMS_COUNT DESC;


#82)Write a query to get genere wise films count?
SELECT G.GENRE,COUNT(B.FILMID) AS FILMS_COUNT
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
GROUP BY G.GENRE
ORDER BY FILMS_COUNT DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#83)Write a query to get genere wise films count  in Tollywood Industry?
SELECT G.GENRE,COUNT(B.FILMID) AS FILM_COUNT
FROM GENRE G  JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
WHERE INDUSTRY = "TOLLYWOOD"
GROUP BY G.GENRE
ORDER BY FILM_COUNT DESC;


#84)Write a query to get genere wise films count in Kollywood Industry?
SELECT G.GENRE, COUNT(B.FILMID) AS FILM_COUNT
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
WHERE INDUSTRY = "KOLLYWOOD"
GROUP BY G.GENRE
ORDER BY FILM_COUNT DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#85)Write a query to get genere wise films count in Mollywood Industry?
SELECT G.GENRE,COUNT(B.FILMID) AS FILM_COUNT
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
WHERE INDUSTRY = "MOLLYWOOD"
GROUP BY G.GENRE
ORDER BY FILM_COUNT DESC;

#86)Write a query to get genere wise films count in Bollywood Industry?
SELECT G.GENRE,COUNT(B.FILMID) AS FILM_COUNT
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
WHERE INDUSTRY = "BOLLYWOOD"
GROUP BY G.GENRE
ORDER BY FILM_COUNT DESC;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#87)Write a query to get genere wise films count in Sandalwood Industry?
SELECT G.GENRE,COUNT(B.FILMID) AS FILM_COUNT
FROM GENRE G JOIN BOXOFFICE B
ON G.GENREID = B.GENREID
WHERE INDUSTRY = "SANDALWOOD"
GROUP BY G.GENRE
ORDER BY FILM_COUNT DESC;


#88)Write a query to get lead actors/actress wise,genere and films count?
SELECT LEAD_ACTOR_ACTRESS,COUNT(DISTINCT GENREID) AS GENRECOUNT,COUNT(FILMID) AS FILMCOUNT
FROM BOXOFFICE
GROUP BY LEAD_ACTOR_ACTRESS;


#89)Write a query to get 5th rank movie based on Worldwide total collections?
SELECT TITLE,WWD_COLELCTIONS FROM(
SELECT TITLE,SUM(Worldwide_Collection) AS WWD_COLELCTIONS,
DENSE_RANK() OVER(ORDER BY SUM(Worldwide_Collection) DESC) AS RNK
FROM BOXOFFICE
GROUP BY TITLE) A
WHERE RNK = 5;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#90)Write a query to get 5th rank movie by industry wise based on First day worldwide collections?
SELECT INDUSTRY,TITLE,WWD1st_DAY_COLLECTIONS FROM(
SELECT INDUSTRY,TITLE,SUM(First_Day_Collection_Worldwide) WWD1st_DAY_COLLECTIONS,
DENSE_RANK() OVER(PARTITION BY INDUSTRY ORDER BY SUM(First_Day_Collection_Worldwide) DESC) AS RNK
FROM BOXOFFICE
GROUP BY INDUSTRY,TITLE) A
WHERE RNK = 5;


#91)Write a query to get 3rd rank movie by industry wise based on IMDb Ratings?
SELECT * FROM(
SELECT INDUSTRY,TITLE,IMDB_RATING,
ROW_NUMBER() OVER(PARTITION BY INDUSTRY ORDER BY IMDB_RATING DESC) AS RNK
FROM BOXOFFICE ) A
WHERE RNK = 3;
```

INDIAN BOX OFFICE ANALYSIS

```sql
#92)Write a stored procedure to get top 5 films based on India gross colelctions?
DELIMITER &&
CREATE PROCEDURE TOP5FILMS_INDGROSS()
BEGIN
SELECT TITLE,SUM(India_Gross_Collection) AS IND_GROSS_COLLECTION
FROM BOXOFFICE
GROUP BY TITLE
ORDER BY IND_GROSS_COLLECTION DESC
LIMIT 5;
END;
&&
CALL TOP5FILMS_INDGROSS()
```

INDIAN BOX OFFICE ANALYSIS

```
#93)Write a stored procedure to get industry Budget and Worldwide total collections?
# If we call any industry it will display industry,budget and wordwide total collections?
DELIMITER &&
CREATE PROCEDURE GET_INDUSTRY_BUDGET_TTLCOLLECTIONS(
FILM_INDUSTRY VARCHAR(20))
BEGIN
SELECT * FROM(
SELECT INDUSTRY,SUM(BUDGET) AS TTL_BUDGET,ROUND(SUM(Worldwide_Collection),2) AS TTL_WWD_COLLECTIONS
FROM BOXOFFICE
GROUP BY INDUSTRY) A
WHERE INDUSTRY = FILM_INDUSTRY;
END
&&
CALL GET_INDUSTRY_BUDGET_TTLCOLLECTIONS("TOLLYWOOD");
CALL GET_INDUSTRY_BUDGET_TTLCOLLECTIONS("BOLLYWOOD");
```

INDIAN BOX OFFICE ANALYSIS

```sql
#94)Calculate YoY% Budget growth?
SELECT YEAR,CY_BUDGET,(((CY_BUDGET-PY_BUDGET)/PY_BUDGET) * 100) AS YOY FROM(
SELECT YEAR,SUM(BUDGET) AS CY_BUDGET,LAG(SUM(BUDGET)) OVER(ORDER BY YEAR)AS PY_BUDGET
FROM BOXOFFICE
GROUP BY YEAR
) A


#95)Calculate YoY% Worldwide total collelctions growth?
SELECT YEAR,CY_WWCOLLECTIONS,ROUND(((CY_WWCOLLECTIONS - PY_WWCOLLECTIONS)/PY_WWCOLLECTIONS) *100,2)
AS YoY_GROWTH
FROM(
SELECT YEAR,
ROUND(SUM(Worldwide_Collection),2) AS CY_WWCOLLECTIONS,
LAG(SUM(Worldwide_Collection)) OVER(ORDER BY YEAR) AS PY_WWCOLLECTIONS
FROM BOXOFFICE
GROUP BY YEAR
) A
```

INDIAN BOX OFFICE ANALYSIS

```sql
#96)Calculate YoY% Indian Gross collections growth?
SELECT YEAR,CY_IND_GROSS_COLLECTION,
ROUND((((CY_IND_GROSS_COLLECTION-PY_IND_GROSS_COLLECTION)/PY_IND_GROSS_COLLECTION) * 100),2) AS YoY_GROWTH
FROM(
SELECT YEAR,ROUND(SUM(India_Gross_Collection),2) AS CY_IND_GROSS_COLLECTION,
LAG(ROUND((SUM(India_Gross_Collection)),2)) OVER(ORDER BY YEAR) AS PY_IND_GROSS_COLLECTION
FROM BOXOFFICE
GROUP BY YEAR) A


#97)Create a stored procedure to get Total films count, world wide total collections?
DELIMITER &&
CREATE PROCEDURE TTL_FILMS_WW_COLLECTIONS()
BEGIN
SELECT COUNT(FILMID) AS TTL_FILMS_COUNT,ROUND(SUM(Worldwide_Collection),2) AS TTL_WW_COLLECTIONS
FROM BOXOFFICE;
END;
&&
CALL TTL_FILMS_WW_COLLECTIONS()
```