NETFLIX
TITLES

SQL PROJECT

GET THE QUIERY RESULTS WHERE YOU GET
ALL YOUR ANSWERS

DATASET LINK:
HTTPS://WWW.KAGGLE.COM/DATASETS/LOVISHBANSAL123/NETFLIX-DATASET

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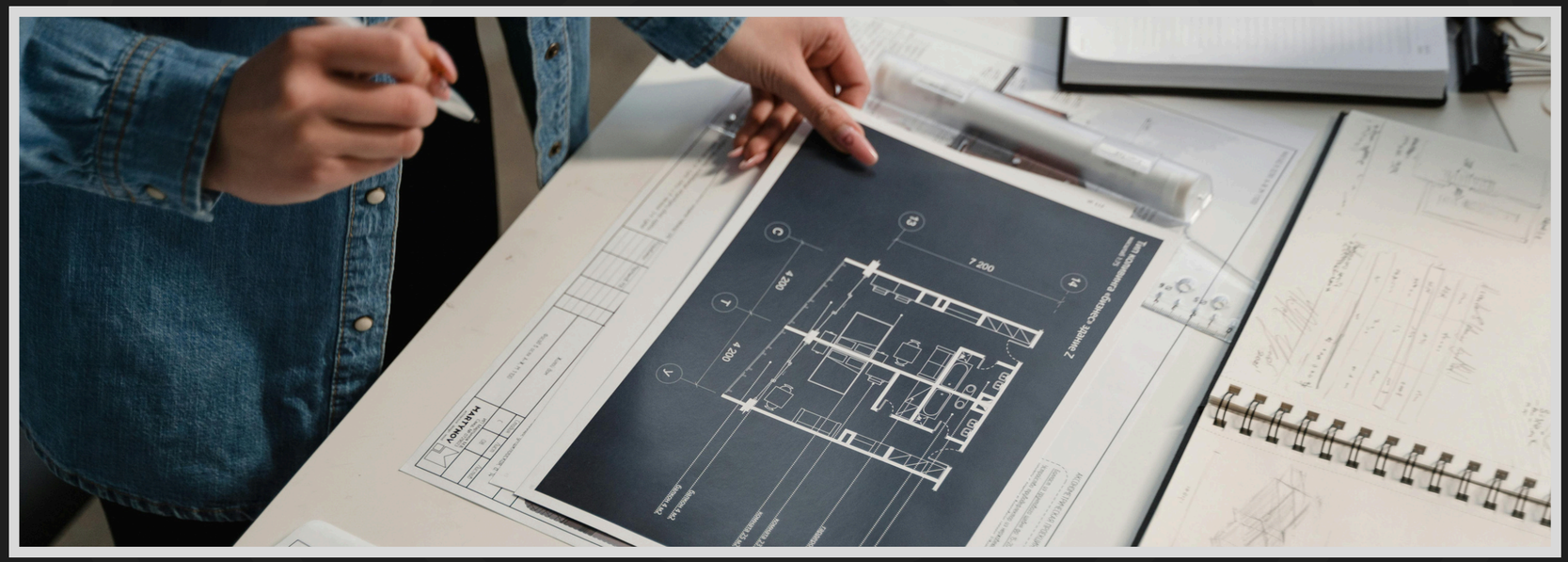
ABOUT THIS PROJECT



IN THIS PROJECT I CHOOSE A SMALL DATASET OF NETFLIX . WHERE I MADE ALL THE QUESTION THAT COULD BE USEFUL FOR NETFLIX TO TAKE FUTURE DECISSION OF THEIR BUSINESS.

ABOUT THE DATASET

IN THIS DATASET WE HAVE 12 COLUMNS BUT FOR THE PROJECT PURPOSE I DROP THE DESCRIPTION AND CAST COLUMNS AND CLEAN OUT THE ALL NULL AND BALNK CELLS . PLEASE NOTE THAT WHEN I IMPORT THE DATA IN SQL ONLY 652 ROWS GOT IMPORTED .

HOLA SOY
RAJA SAHA

VAMOS EMPIESA

(LET'S START)

```
select title from `netflix_titles 1`
where release_year=2020;
```

title
Omo Ghetto: the Saga
Shikara
Really Love
The Old Ways
La diosa del asfalto
Quam's Money
Sanitation Day
Milkwater
Har Kisse Ke Hisse: Kaamyaab
RattleSnake - The Ahanna Story
Voiceless
Kambili: The Whole 30 Yards
Fan Girl

SO HERE IS THE FIRST QUESTION

WHAT ARE THE TITELS OF ALL MOVIES REALESED IN 2020 ?

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WHICH TYPE OF THIS MOVIES IS PG-13 ?

```
select listed_in as genre
from   `netflix_titles 1` where rating ="PG-13";
```

genre
Comedies, Dramas
Comedies
Horror Movies, Sci-Fi & Fantasy
Thrillers
Action & Adventure, Dramas
Action & Adventure, Horror Movies, Thrillers
Dramas
Action & Adventure, Dramas
Dramas, Romantic Movies
Dramas
Action & Adventure, Sci-Fi & Fantasy
Comedies, Romantic Movies
Comedies, Cult Movies, Sci-Fi & Fantasy

THIS ARE THE GENRES OF THE MOVIES THAT ARE PG-13 RATED . THERE IS COMMON GENRE IN THIS WHICH IS COMEDIES AND DRAMAS .

```
select title, duration
 from `netflix_titles 1` where type="Movie"
 order by  cast(replace(duration,"min", " ") as unsigned) desc limit 10 ;
```

title	duration
Once Upon a Time in America	229 min
Lagaan	224 min
Magnolia	189 min
King of Boys	182 min
Dances with Wolves	181 min
Seven Souls in the Skull Castle: Season Flower	181 min
My Fair Lady	173 min
Jeans	166 min
Kyaa Kool Hai Hum	165 min
Django Unchained	165 min

THESE ARE THE TOP 10 MOVIES
THAT ARE LONGEST IN DURATION

WHAT ARE THE TOP 10 LONGEST MOVIES ON NETFLIX ?

WHICH GENRE HAS MOST MOVIES/ SHOWS ON NETFLIX ?

```
select listed_in, count(listed_in)as genre_count
from `netflix_titles 1`  group by listed_in
order by genre_count desc limit 5;
```

listed_in	genre_count
Dramas, International Movies	38
Action & Adventure	34
Comedies, Dramas, International Movies	26
Dramas	22
Dramas, International Movies, Thrillers	22

WHICH COUNTRY PRODUCE THE MOST MOVIES ON NETFLIX ?

```
select country ,count(show_id)as total_movies
from  `netflix_titles 1`where type="Movie" group by country
order by total_movies desc limit 5 ;
```

country	total_movies
United States	229
India	70
Nigeria	21
Turkey	21
Japan	18

WHICH MOVIES HAVE SPECIFIC WORDS IN THEIR TITLE LIKE FIGHT , GHOST , ETC ?

```
select title from netflix_titles
where title like "%last%";
```

title
The Last Boy Scout
The Last Letter From Your Lover

WHAT ARE THE MOST COMMON GENRES THAT ASSOCIATED WITH SPECIFIC DIRECTOR ?

```
select listed_in, count(*) as genre_count from `netflix_titles 1`
where director="Toshiya Shinohara"
group by listed_in order by  genre_count desc;
```

listed_in	genre_count
Action & Adventure, Anime Features, Internati...	4

WHICH TV_SHOWS WERE RELEASED IN A SPECIFIC MONTH ?

```
select title, type  from  `netflix_titles 1`
where month(str_to_date(date_added,"%M %d, %Y"))=5 and type="TV Show";
```

title	type
Halston	TV Show

WHICH DIRECTORS HAVE DIRECTED MORE THAN 2 MOVIES ON NETFLIX ?

```
select director, count(title) as Total_movies
from  `netflix_titles 1`  group by director having Total_movies>2
```

director	Total_mo
Steven Spielberg	3
Toshiya Shinohara	4
Masahiko Murata	3
Jane Campion	3
Lasse HallstrÃ¶m	4
Wolfgang Petersen	3
Milan Luthria	3
Kayode Kasum	4
Paul Thomas Anderson	3
Clint Eastwood	4

WHAT ARE THE TOP 5 GENRES FOR MOVIES RELESED THESE TWO YEARS ?

```
select listed_in, count(*) as no_of_genres from   `netflix_titles 1`
where release_year in (2019, 2020)  and type="Movie" group by listed_in
order by no_of_genres desc limit 5;
```

listed_in	no_of_genres
Dramas, International Movies	13
Dramas, International Movies, Romantic Movies	8
Dramas, International Movies, Thrillers	6
Dramas, Independent Movies, International Mo...	5
Comedies, Dramas, Independent Movies	5

WHICH TV SHOWS HAVE MORE THAN 5 SEASONS ?

```
select title , duration  from  `netflix_titles 1`
where type = "TV Show" order by duration desc limit 5;
```

title	duration
The Great British Baking Show	9 Seasons
The Flash	7 Seasons
Men on a Mission	6 Seasons
Riverdale	4 Seasons
Valeria	2 Seasons

WHAT IS THE DISTRIBUTION OF MOVIES IN QUARTER WHEN ADD ON NETFLIX IN SPECIFIC YEAR ?

```
t  case
month (str_to_date(date_added,"%M %d,%Y")) in (1,2,3) then "q1"when month(str_to_date(date_added, "%M %d, %Y")) in (4,5,6) then
"Q4"
s quarter, count(*) as num_movies from  `netflix_titles 1` where release_year=2021 group by quarter order by quarter;
```

quarter	num_movies
q1	32
q2	68
Q4	35

CATAGORIES THE MOVIES BASED ON THEIR DURATION ?

```
select title , duration, case
when cast(replace(duration,"min", " ") as unsigned) <60 then "short"
when cast(replace(duration,"min", " ") as unsigned) between 60 and 120 then "medium" else "long"
end as M_catagory from  `netflix_titles 1`;
```

title	duration	M_catagory
Sankofa	125 min	long
The Great British Baking Show	9 Seasons	short
The Starling	104 min	medium
Je Suis Karl	127 min	long
Jeans	166 min	long
Grown Ups	103 min	medium
Dark Skies	97 min	medium
Paranoia	106 min	medium
Birth of the Dragon	96 min	medium
Jaws	124 min	long
Jaws 2	116 min	medium
Jaws 3	98 min	medium
Jaws: The Revenge	91 min	medium
Safe House	115 min	medium

FIND THE TITLES OF MOVIES BELONGS TO SPECIFIC GENRE AND HAVE A SPECIFIC RATING WITH SPECIFIC YEAR ?

```
select title from  `netflix_titles 1`
where listed_in ="Thrillers" and rating in ("PG-13")
and  release_year in (2013,2000,2005);
```

title
Paranoia
The Interpreter

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THESE ARE THE ALL INSIGHTS I GET FROM THIS DATA

THANK YOU FOR
YOUR TIME
I WISH YOU ALL A
WONDER FULL DAY
AND LOOK FORWARD
TO STAY CONNECTED