



SQL PROJECT ON TV SHOW ANALYSIS



INTRODUCTION

- This TV shows dataset provides a comprehensive overview of 182 TV shows, including their key attributes such as ratings ,genres ,release year, directors, and more. It is designed to facilitate in-depth analysis of trends and patterns in the TV Show industry over multiple years. The dataset combines user-generated metrics like IMDb-style ratings offering a balanced perspective on each movie's reception.

TOP 5 LOWEST RATED TV SHOW WITH RATING

```
-- Top 5 lowest rated tv show with their rating.  
select Show_Name,Ratings  
from prime_tv_shows  
order by ratings limit 5;
```

Show_Name	Ratings
Ilana Glazer: The Planet is Burning	3.7
Tokyo Alice	4
Skulls and Roses	4.3
Businessmen VS Aliens	4.5
Alice Wettlund: My Mama is a Human and So Am I	4.7

YEAR WITH MOST TV SHOW RELEASED

```
-- Year With most tv show released  
select release_year, count(*) as Show_Count  
from prime_tv_shows group by release_year  
order by Show_Count desc limit 3;
```

	release_year	Show_Count
▶	2016	30
	2017	24
	2019	24

TV SHOW WITH MOST SEASON

```
-- Tv Show with most seasons  
select show_name, no_of_season  
from prime_tv_shows  
order by no_of_season desc limit 4;
```

	show_name	no_of_season
▶	NCIS	17
	Grey's Anatomy	15
	Supernatural	15
	Two and a Half Men	12

HIGHEST-RATED TV SHOW OF EACH GENRE.

```
-- HIGHEST-RATED TV SHOW OF EACH GENRE.  
select show_name, genre, ratings  
from prime_tv_shows p1  
where ratings = ( select max(ratings)  
from prime_tv_shows p2  
where p1.genre = p2.genre)  
order by ratings desc limit 5;
```

	show_name	genre	ratings
▶	The Test: A New Era for Australia's Team	Documentary	9
	Seinfeld	Comedy	8.8
	The Marvelous Mrs. Maisel	Drama, Comedy	8.7
	The Boys	Action, Comedy	8.7
	Hostel Daze	Drama, Comedy	8.7

TV_SHOW WITH RATING HIGHER THAN AVGRAGE RATING OF ALL TV SHOW

```
-- Tv_Show WITH A RATING HIGHER THAN THE AVERAGE RATING OF ALL TV_Show.  
select show_name, ratings  
from prime_tv_shows  
where ratings > (select avg(ratings) from prime_tv_shows)  
order by ratings desc limit 4;
```

	show_name	ratings
►	The Test: A New Era for Australia's Team	9
	Seinfeld	8.8
	The Marvelous Mrs. Maisel	8.7
	Fleabag	8.7

TV SHOW FEATURING A GENRE

```
-- TV_Show FEATURING A Genre
select show_name, release_year, genre,ratings
from prime_tv_shows
where genre like "Comedy";
```

	show_name	release_year	genre	ratings
►	Fleabag	2016	Comedy	8.7
	One Mic Stand	2019	Comedy	6.5
	Girlfriends Guide to Divorce	2015	Comedy	6.9
	Mr. Bean	1995	Comedy	8.5
	Mr. Bean: The Animated Series	2016	Comedy	6.8
	2 Broke Girls	2017	Comedy	6.7

TV SHOW WHERE THE RATING IS BELOW THE AVERAGE RATING FOR ITS GENRE

```
-- TV_Show WHERE THE RATING IS BELOW THE AVERAGE RATING FOR ITS GENRE
select show_name, genre,ratings
from prime_tv_shows p1
where ratings < ( select avg(ratings)
from prime_tv_shows p2
where p1.genre = p2.genre)
order by ratings;
```

	show_name	genre	ratings
►	Ilana Glazer Ilana Glazer: The Planet is Burning	Comedy	3.7
	Tokyo Alice	Drama	4
	Skulls and Roses	Action	4.3
	Businessmen VS Aliens	Comedy	4.5
	Alice Wettlund: My Mama is a Human and So Am I	Comedy	4.7
	Final Life	Drama	5.2

TOP-RATED TV SHOW FOR EACH LANGUAGE

```
select show_name, language, ratings
from prime_tv_shows p
where ratings = (select max(ratings)
from prime_tv_shows p1
where p.language = p1.language)
order by release_year,language limit 10;
```

	show_name	language	ratings
►	Deutschland	Deutsch	8.1
	Desperate Widows	Suomi	6.5
	Tokyo Girl	Japanese	8.1
	An Unknown Enemy	Spanish	8.1
	Hostel Daze	Hindi	8.7
	The Test: A New Era for Australia's Team	English	9

TV SHOW RELEASED IN 2012 THAT HAVE THE HIGHEST RATING FOR EACH VIEWERS AGE

```
select show_name,ratings,release_year,viewers_age
from prime_tv_shows p0
where ratings = (select max(ratings)
from prime_tv_shows p1
where p0.viewers_age = p1.viewers_age and p0.release_year = p1.release_year)
and release_year = 2012
order by ratings desc , viewers_age limit 5;
```

	show_name	ratings	release_year	viewers_age
▶	Person of Interest	8.4	2012	16+
	House of Lies	7.4	2012	18+
	Anger Management	6.6	2012	13+
	Chaplin & Co	5.8	2012	7+

LOWEST RATED TV SHOW OF EACH GENRE

```
-- Lowest Rated TV_Show of each genre
select show_name, genre , ratings
from prime_tv_shows p1
where ratings = (select min(ratings)
from prime_tv_shows p2
where p1.genre = p2.genre)
order by ratings limit 5;
```

show_name	genre	ratings
Ilana Glazer: The Planet is Burning	Comedy	3.7
Tokyo Alice	Drama	4
Skulls and Roses	Action	4.3
Four More Shots Please	Drama, Comedy	5.3
The Adventures of Rocky and Bullwinkle	Kids	5.4



KEY INSIGHTS

- ▶ The lowest rated tv show is Ilana Glazer
- ▶ Most TV Show were released in 2016.
- ▶ NCIS has most season in history of TV Shows.
- ▶ The Best TV Show is “The Test” with rating of 9.
- ▶ According to Viewers Age , the highest rated TV Show is “Person of Interest” with rating 8.4.