1. Data Dive

**Difficulties:**

* The Netflix Shows dataset might have some complexities in its structure, such as nested data (like genres or cast members), which could require careful handling during import into MySQL.
* Ensuring data integrity and handling any missing or malformed data points could also be a challenge.

**Interesting Thing:**

* One interesting aspect of the Netflix Shows dataset could be the distribution of genres among the shows. It might reveal trends in popular genres over time or differences across regions.

2.Data Fun

**Query 1: Most Popular Genres**

sql

Copy code

SELECT genre, COUNT(\*) AS num\_shows

FROM netflix\_shows

GROUP BY genre

ORDER BY num\_shows DESC

LIMIT 5;

This query will show us the top 5 most popular genres on Netflix based on the number of shows.

**Query 2: Average IMDB Rating by Genre**

sql

Copy code

SELECT genre, AVG(imdb\_rating) AS avg\_rating

FROM netflix\_shows

GROUP BY genre

ORDER BY avg\_rating DESC;

This query calculates the average IMDb rating for shows in each genre, helping us understand which genres tend to have higher-rated content.

3. Ask Away

**Question 1: What are the top 5 countries with the most Netflix shows?**

sql

Copy code

SELECT country, COUNT(\*) AS num\_shows

FROM netflix\_shows

GROUP BY country

ORDER BY num\_shows DESC

LIMIT 5;

**Insight:** This query will reveal which countries have produced the most shows available on Netflix, giving insight into regional content production.

**Question 2: What are the top 5 oldest Netflix shows available?**

sql

Copy code

SELECT title, release\_year

FROM netflix\_shows

ORDER BY release\_year ASC

LIMIT 5;

**Insight:** This query identifies the earliest released shows on Netflix, which could show the evolution of content availability over time.

**Learning from the Answers:**

* From Question 1, we learn about the geographical distribution of Netflix content production, indicating which countries may have more influence or investment in producing content for the platform.
* From Question 2, we gain insight into the historical evolution of content on Netflix, potentially reflecting trends in media consumption and production over the years.