The Mission:

1. Data Dive

Briefly explain any difficulties and 1 interesting thing you noticed about your chosen dataset.

-the problem I encountered is trying to figure out how to upload the file in my mysql bench since I tried severally but finally I figured out.

2. Data Fun

* Display the first 10 rows of the dataset

-- -- SELECT \*

-- -- FROM netflix\_titles

-- -- LIMIT 10;

* Display shows released after 2015

-- shows released after 2015

-- SELECT \*

-- FROM netflix\_titles

-- WHERE release\_year > 2015;

* Find 2 cool facts hidden within the data

SELECT \* FROM netflix.netflix\_titles;

-- Average Rating of Netflix Shows

-- SELECT AVG(rating) AS avg\_rating

-- FROM netflix.netflix\_titles;

-- most popular interests in netflix show

-- SELECT listed\_in AS genre, COUNT(\*) AS num\_shows

-- FROM netflix\_titles

-- GROUP BY genre

-- ORDER BY num\_shows DESC;

* Use basic SQL queries like (COUNT, AVG, and SUM)

-- count the number of shows-100

-- SELECT COUNT(\*) AS num\_shows

-- FROM netflix\_titles;

-- AVG number of shows-2015.1200

-- SELECT AVG(release\_year) AS avg\_release\_year

-- FROM netflix\_titles;

-- the sum is 5646

-- SELECT SUM(duration) AS total\_duration\_minutes

-- FROM netflix\_titles;

3. Ask Away

* Formulate 2 questions about the data

What are the top 10 countries with the highest number of produced shows-'United States', '17'

-- 'Japan', '13'

-- 'India', '6'

-- 'United Kingdom', '5'

-- 'Nigeria', '2'

-- 'South Africa', '1'

-- 'United States, Ghana, Burkina Faso, United Kingdom, Germany, Ethiopia', '1'

-- 'Germany, Czech Republic', '1'

-- 'Mexico', '1'

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

-- FROM netflix.netflix\_titles

-- GROUP BY country

-- ORDER BY num\_shows DESC

-- LIMIT 10;

What are the oldest and newest Netflix shows in the dataset

Newest shows

-- SELECT title, release\_date

-- FROM netflix.netflix\_shows

-- ORDER BY release\_date ASC

-- LIMIT 1;

* oldest Netflix show.

-- SELECT title, release\_date

-- FROM netflix.netflix\_titles

-- ORDER BY release\_date DESC

-- LIMIT 1;

* Share what you learned from the answers.

Counting the number of shows released each year allows us to observe trends in Netflix's content production over time. We can identify which years had a higher number of releases, potentially indicating periods of increased investment in original content.