COPY netflix\_titles FROM 'C:/netflix\_titles.csv' WITH DELIMITER ',' CSV HEADER ENCODING 'ISO-8859-1';

select \* from netflix\_titles

--What is the distribution of TV shows vs. movies ?

SELECT type, COUNT(\*) AS count, ROUND(COUNT(\*)\*100/SUM(COUNT(\*)) OVER(), 2) AS percent

FROM netflix\_titles

GROUP BY type;

--Which countries have produced the most movies/shows , and how has this changed over time?

SELECT country, COUNT(\*) AS count, release\_year

FROM netflix\_titles

GROUP BY country, release\_year

ORDER BY count DESC

Limit 10;

--What is the most common rating for movies/shows , and how does this vary by country or genre?

SELECT rating, COUNT(\*) AS count, country, listed\_in

FROM netflix\_titles

GROUP BY rating, country, listed\_in

ORDER BY count DESC;

--What is the average runtime of a movie/show, and how does this vary by genre or country?

SELECT round (AVG(duration2),0) AS avg\_runtime, listed\_in, country

FROM netflix\_titles

GROUP BY listed\_in, country

limit 10;

--How has the number of movies/shows added to Netflix each year changed over time?

SELECT release\_year, COUNT(\*) AS count

FROM netflix\_titles

GROUP BY release\_year

ORDER BY release\_year DESC

limit 10;

--Which genres are most common, and how does this vary by country or release year?

SELECT listed\_in, COUNT(\*) AS count, country, release\_year

FROM netflix\_titles

GROUP BY listed\_in, country, release\_year

ORDER BY count DESC

Limit 10;

--How does the number of cast members vary by movie/show type (i.e. movie vs. TV show)?

SELECT type, round (AVG(num\_casts),2) AS avg\_cast\_members

FROM netflix\_titles

GROUP BY type

Limit 10;

--How does the distribution of release years compare to the distribution of release years for movies/shows in general?

SELECT release\_year, COUNT(\*) AS count

FROM netflix\_titles

GROUP BY release\_year

ORDER BY release\_year DESC

Limit 10;

SELECT release\_year, COUNT(\*) AS count

FROM netflix\_titles

GROUP BY release\_year

ORDER BY release\_year ASC

Limit 10;

--What is the distribution of release years for action & adventure, anime, comedy, international, British TV, Independent, Reality movies/shows ?

SELECT release\_year, COUNT(\*) AS count

FROM netflix\_titles

WHERE listed\_in LIKE '%Action & Adventure%' OR listed\_in LIKE '%Anime%' OR listed\_in LIKE '%Comedy%' OR listed\_in LIKE '%International%' OR listed\_in LIKE '%British TV%' OR listed\_in LIKE '%Independent%' OR listed\_in LIKE '%Reality%'

GROUP BY release\_year

ORDER BY count DESC

limit 10;

--Which countries have produced the most action & adventure, anime, comedy, international, British TV, Independent, Reality, and how has this changed over time?

SELECT country, COUNT(title) AS num\_titles

FROM netflix\_titles

WHERE (listed\_in LIKE '%Action & Adventure%' OR listed\_in LIKE '%Anime%' OR listed\_in LIKE '%Comedy%' OR listed\_in LIKE '%International%' OR listed\_in LIKE '%British TV%' OR listed\_in LIKE '%Independent%' OR listed\_in LIKE '%Reality%')

GROUP BY country

ORDER BY num\_titles DESC

Limit 10;

--What is the most common rating for action & adventure, anime, comedy, international, British TV, Independent, Reality, and how does this vary by country or release year?

SELECT round(AVG(duration2),2) AS avg\_runtime, country, release\_year, listed\_in, rating

FROM netflix\_titles

WHERE (listed\_in LIKE '%Action & Adventure%' OR listed\_in LIKE '%Anime%' OR listed\_in LIKE '%Comedy%' OR listed\_in LIKE '%International%' OR listed\_in LIKE '%British TV%' OR listed\_in LIKE '%Independent%' OR listed\_in LIKE '%Reality%')

GROUP BY country, release\_year, listed\_in, rating

ORDER BY avg\_runtime DESC

Limit 10;

--What are the most common sub-genres of action & adventure, anime, comedy, international, British TV, Independent, Reality movies/shows, and how do these vary by country or release year?

SELECT listed\_in, COUNT(\*) AS num\_titles, country, release\_year

FROM netflix\_titles

WHERE (listed\_in LIKE '%Action & Adventure%' OR listed\_in LIKE '%Anime%' OR listed\_in LIKE '%Comedy%' OR listed\_in LIKE '%International%' OR listed\_in LIKE '%British TV%' OR listed\_in LIKE '%Independent%' OR listed\_in LIKE '%Reality%')

GROUP BY listed\_in, country, release\_year

ORDER BY num\_titles DESC, country, release\_year

LIMIT 10;

--Which action & adventure, anime, comedy, international, British TV, Independent, Reality movies/shows have the duration?

SELECT title, type, listed\_in AS genre, country, release\_year, duration2

FROM netflix\_titles

WHERE type IN ('Movie', 'TV Show')

AND (listed\_in LIKE '%Action & Adventure%' OR listed\_in LIKE '%Anime%' OR listed\_in LIKE '%Comedy%' OR listed\_in LIKE '%International%' OR listed\_in LIKE '%British TV%' OR listed\_in LIKE '%Independent%' OR listed\_in LIKE '%Reality%')

ORDER BY duration2 DESC

LIMIT 3;

SELECT title, type, listed\_in AS genre, country, release\_year, duration2

FROM netflix\_titles

WHERE type IN ('Movie', 'TV Show')

AND (listed\_in LIKE '%Action & Adventure%' OR listed\_in LIKE '%Anime%' OR listed\_in LIKE '%Comedy%' OR listed\_in LIKE '%International%' OR listed\_in LIKE '%British TV%' OR listed\_in LIKE '%Independent%' OR listed\_in LIKE '%Reality%')

ORDER BY duration2 ASC

LIMIT 3;