

Dataset Description

Netfilx_titles - This table contains Netflix TV and Movie shows details like year of release, date when added to OTT platform, country, Casting crew, Directing crew, Genre of the show, duration, suitable audience ratings, and description of the show.

Business problem

A Netflix associate wants to understand the frequency of shows being released on Netflix, what are the popular genres, how are the shows rated, etc. They also want to understand these aspects based on different dates it gets released on the Netflix Platform and compares stats based on Movies or TV Shows alone.

Instructions to solve these assignments,

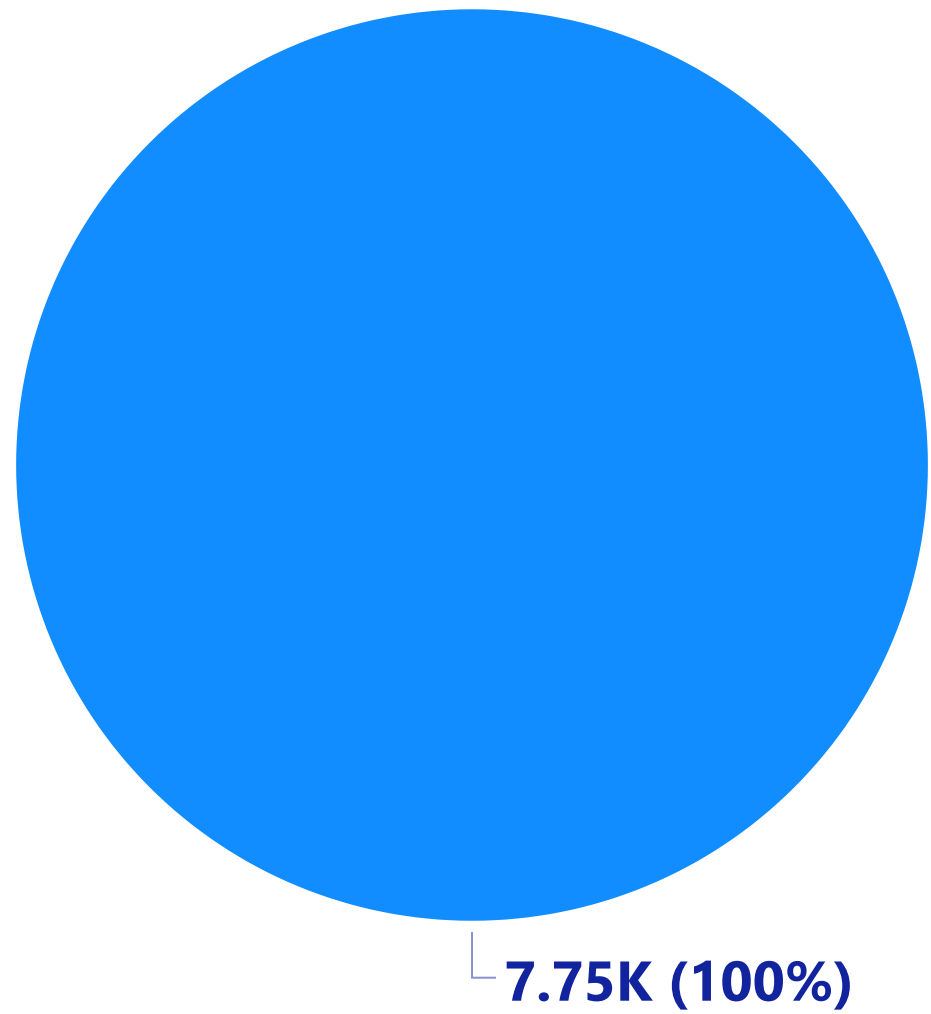
- Create a Power BI file (.pbix) and connect it to this dataset.*
- All these assignments should be created on the same file, by creating visuals on same page for each assignment (except for Assignment1)*
- Assignment 1 should be performed as the initial step.*

Perform Data cleansing on Netflix dataset and remove some of the data impurities,

- 1. Clean the duplicates from Table*
- 2. Remove Blank Rows*
- 3. Type of show should be either a "Movie" or "TV Show" only. Filter out all other unrelated values.*
- 4. Ensure that "Date added" does not have any blank value. Filter NULL values.*

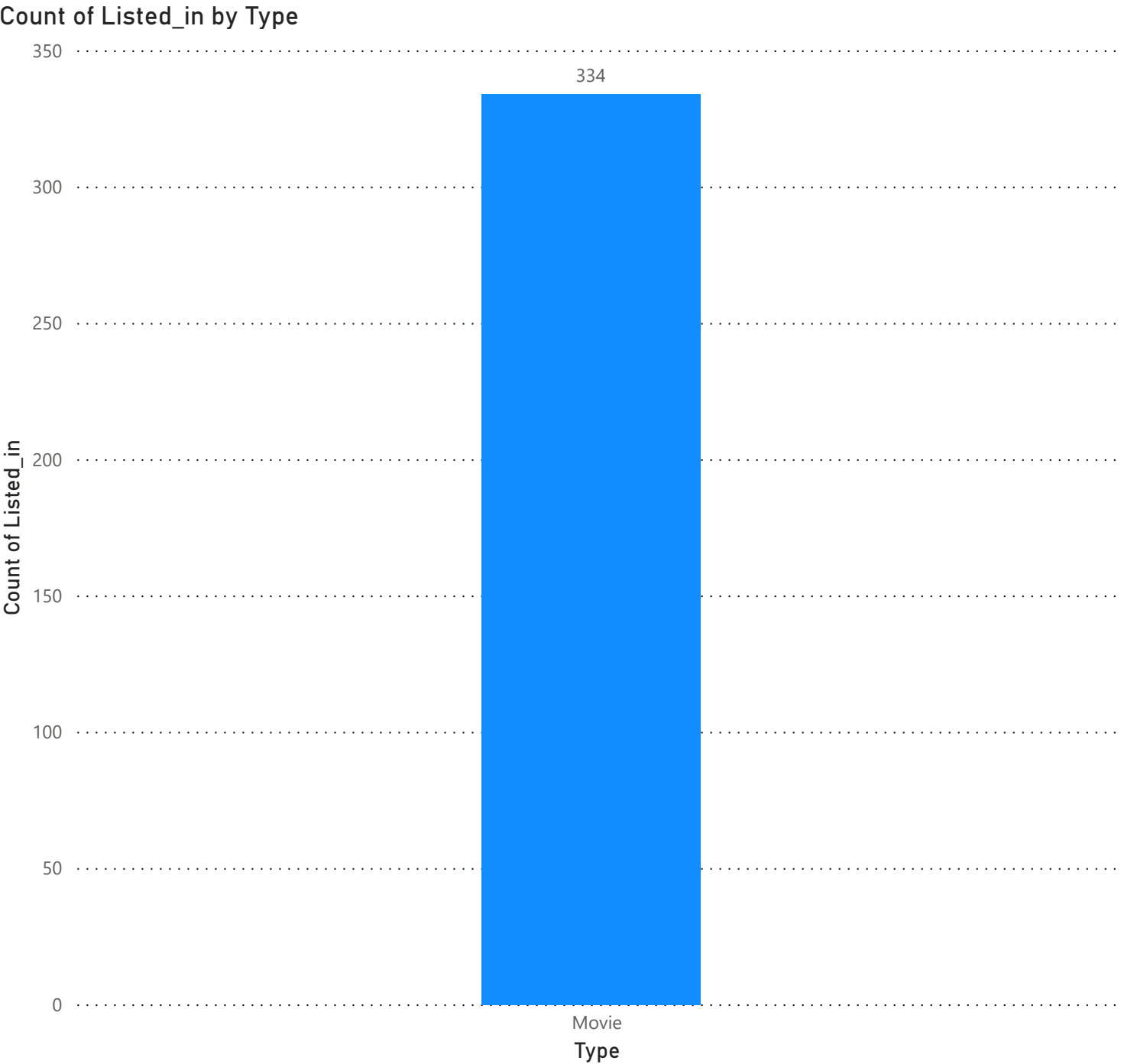
Count the number of rows performing all above operations, and submit the result.

Count of Show id



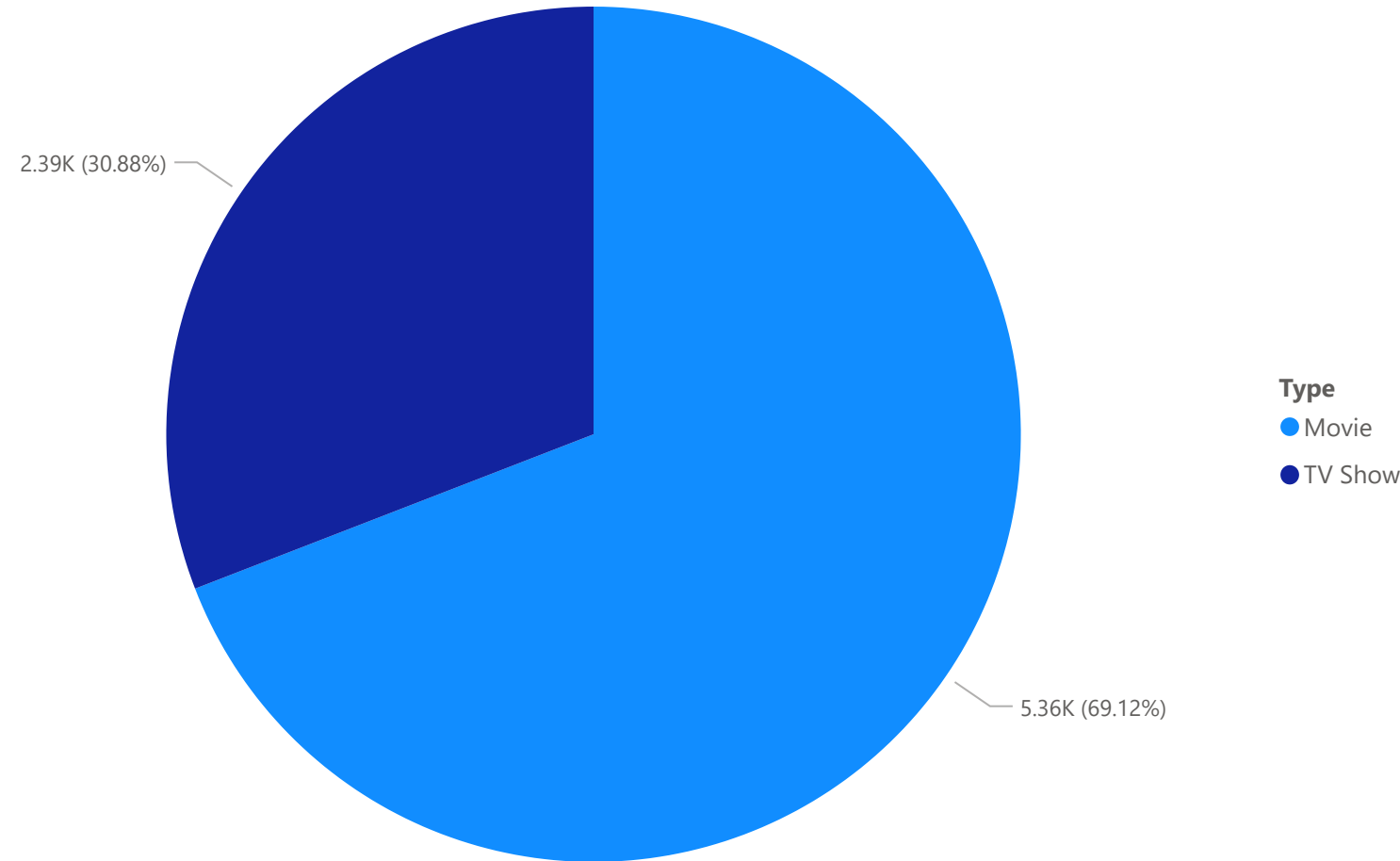


Netflix associate wants to find out the number of shows released in each genre. Create a bar chart and find out how many Shows are listed as Documentaries.

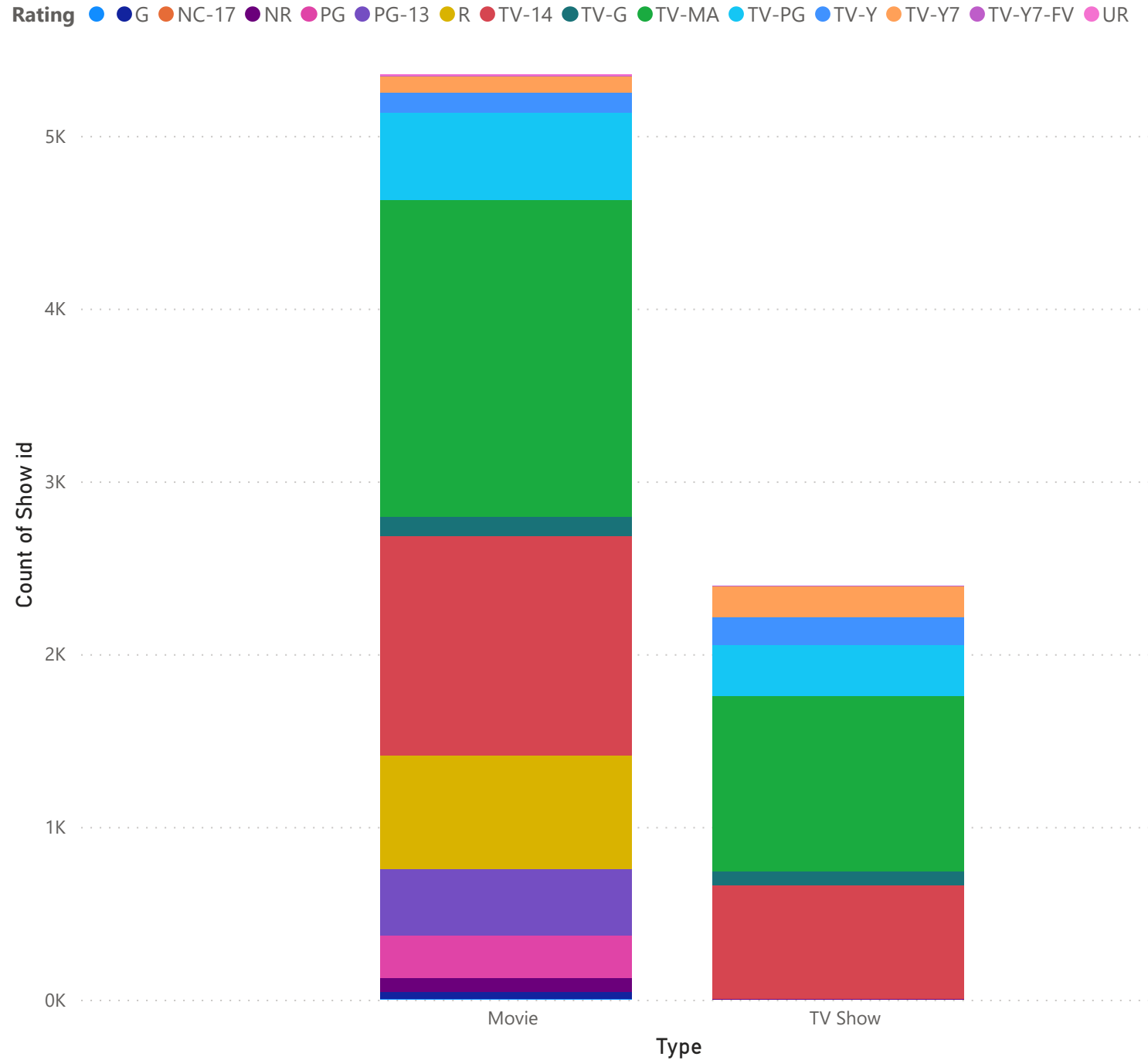


The Associate wants to find out what is the overall count of Movies and TV Shows. Find out how is the data distributed and find the percentage of Movies in Netflix when compared to TV Shows. (Answer with % sign)

Count of Show id by Type



| Type | |
|------|--|
| All | |



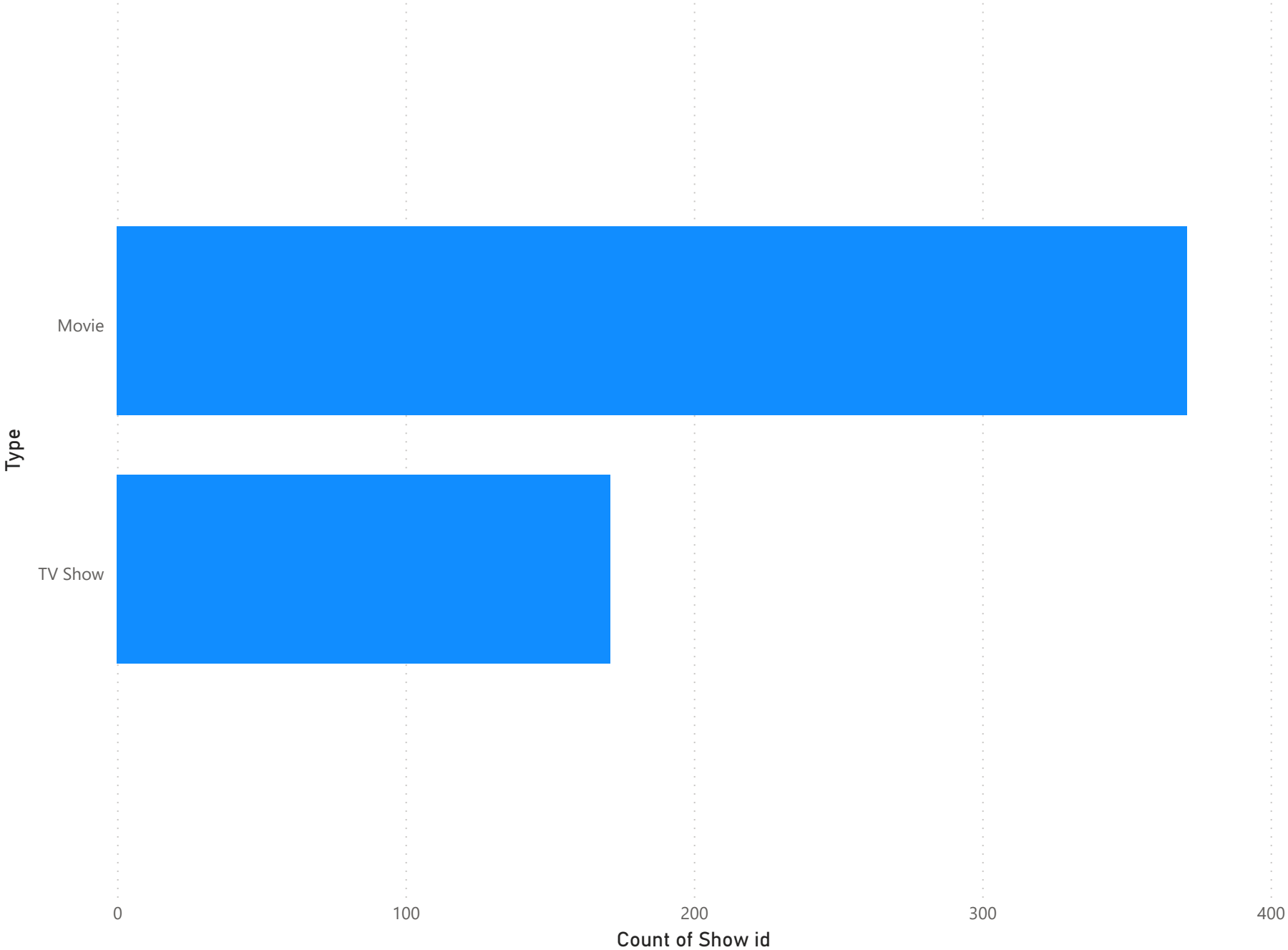
The Netflix associate wants to know the total count of shows released each month for each type(Movie and TV shows) separately. Additionally he wants it to be able to filter based on range of dates. Use a **Stacked chart/ Clustered column chart** for this exercise.

Question 1: What are the total number of TV shows released in the month of May?

Month

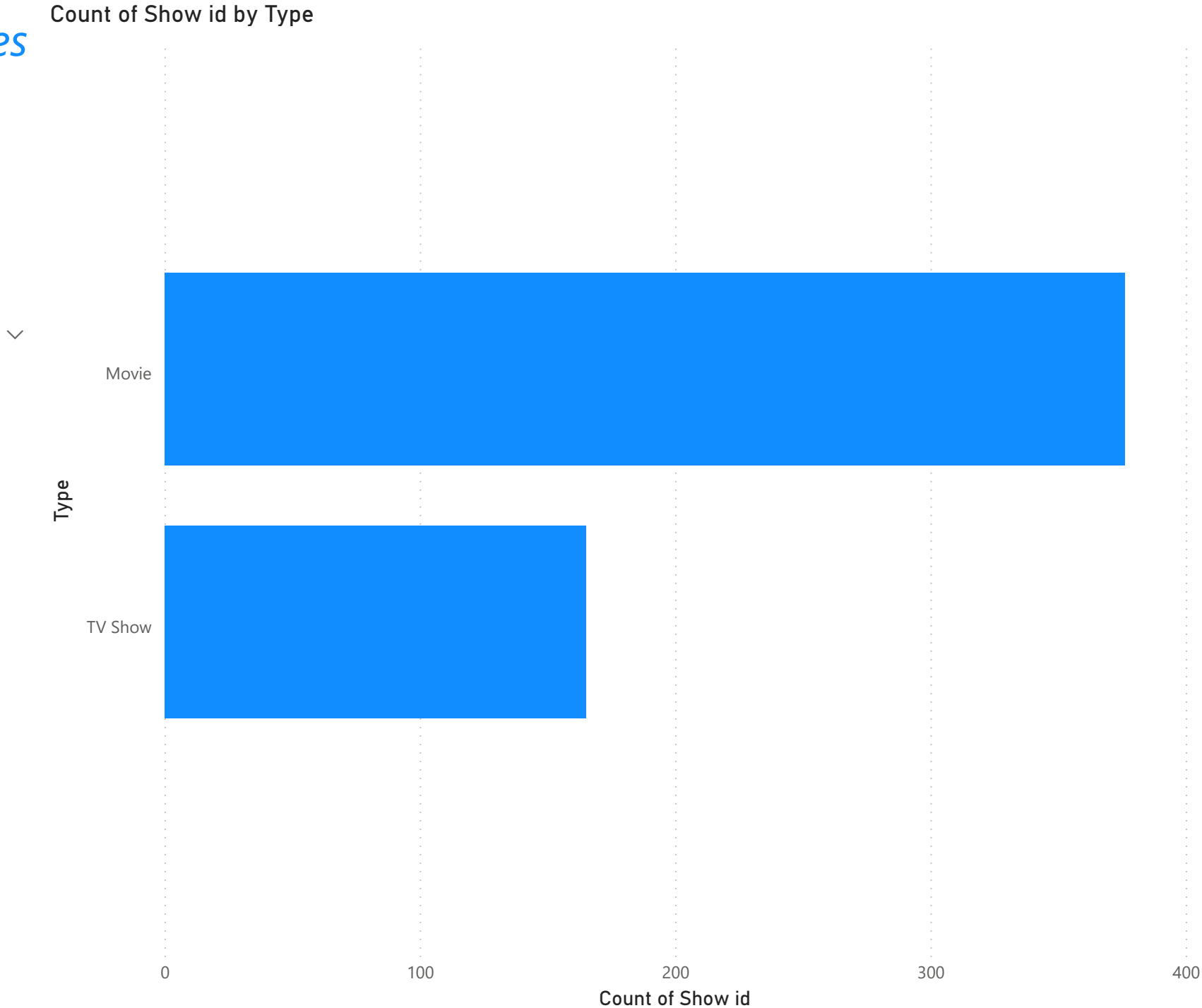
May

Count of Show id by Type

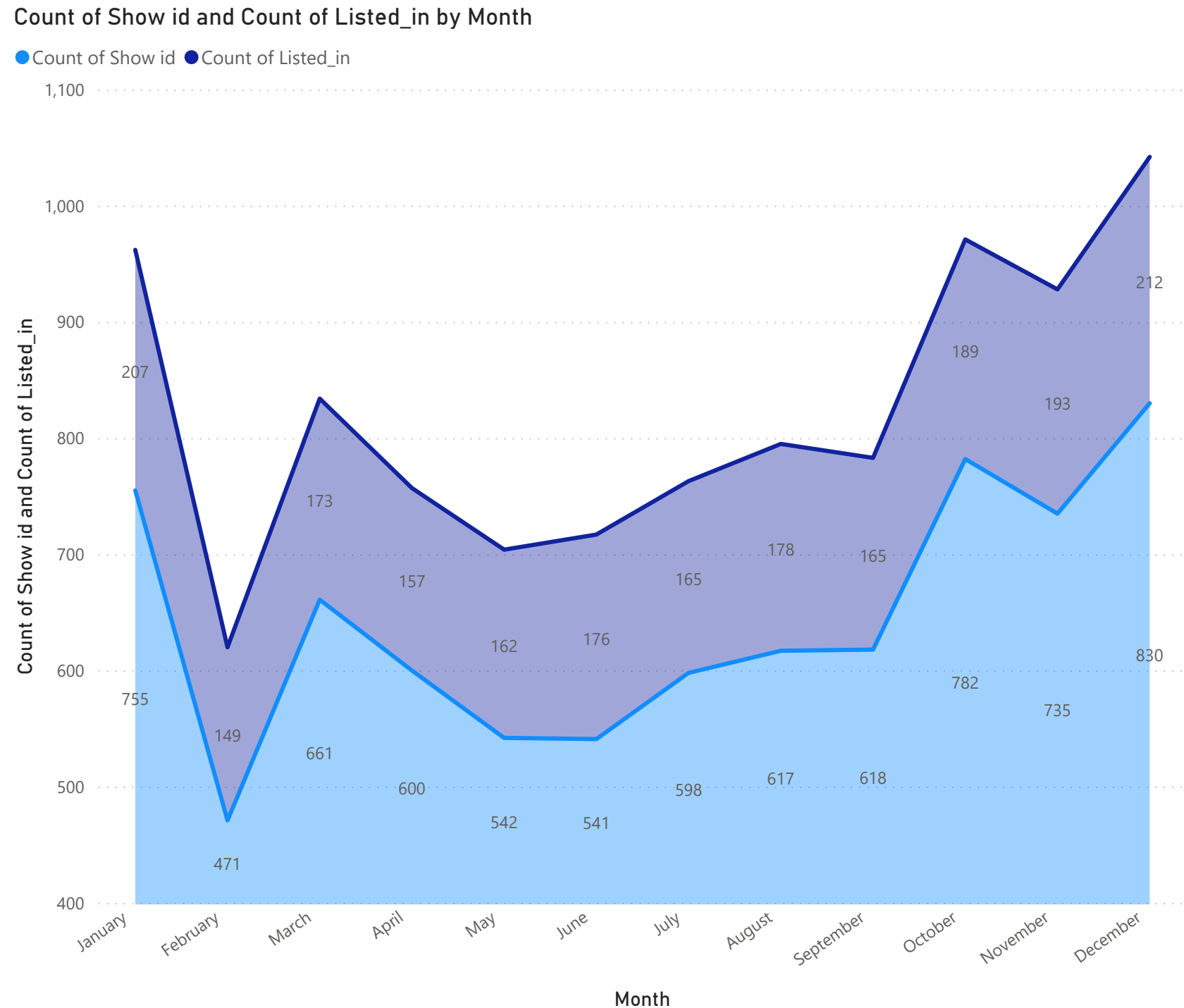


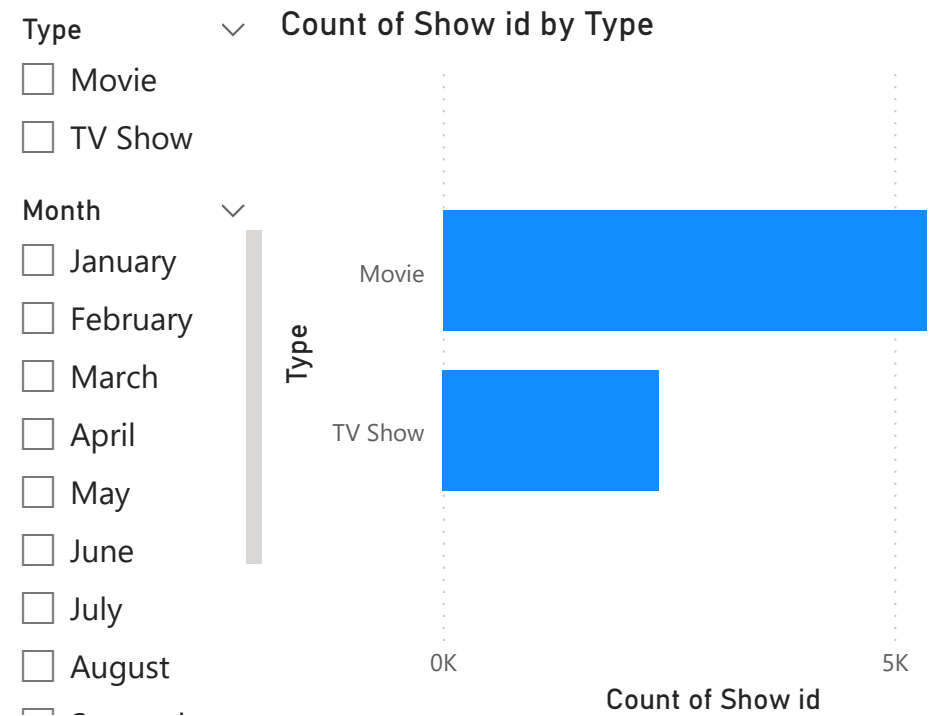
Question 2: *How many Movies are released in the month of June, between January 16th, 2011 to January 16th, 2021?*

- Month
- ☐ January
 - ☐ February
 - ☐ March
 - ☐ April
 - ☐ May
 - ☒ June
 - ☐ July
 - ☐ August
 - ☐ September
 - ☐ October
 - ☐ November
 - ☐ December

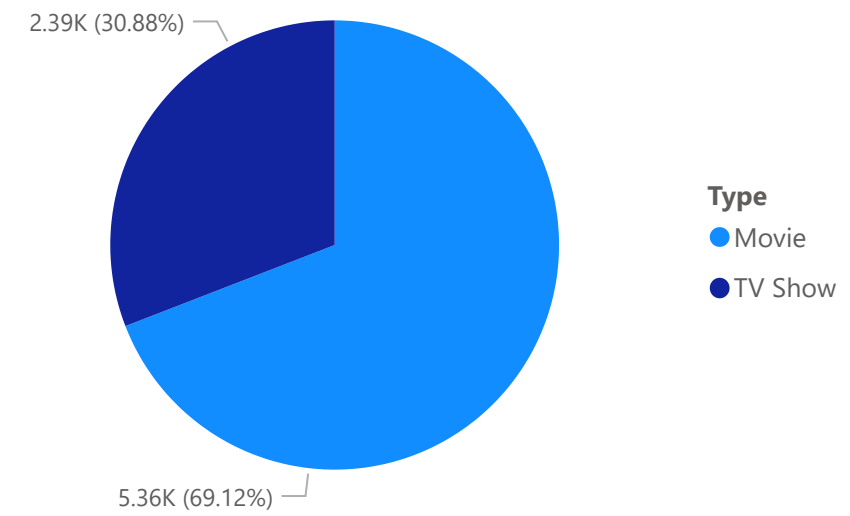


The Netflix associate wants to compare total number of shows vs distinct number of genres released each month. Create a line chart to find out how many unique genres are released in the month of January.

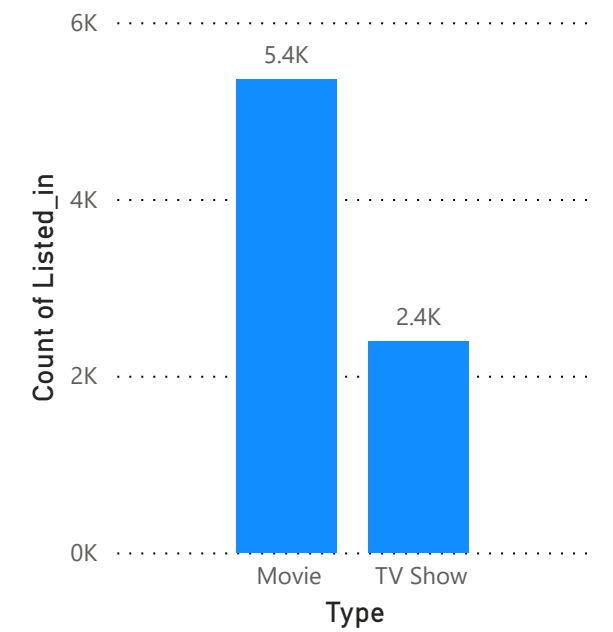




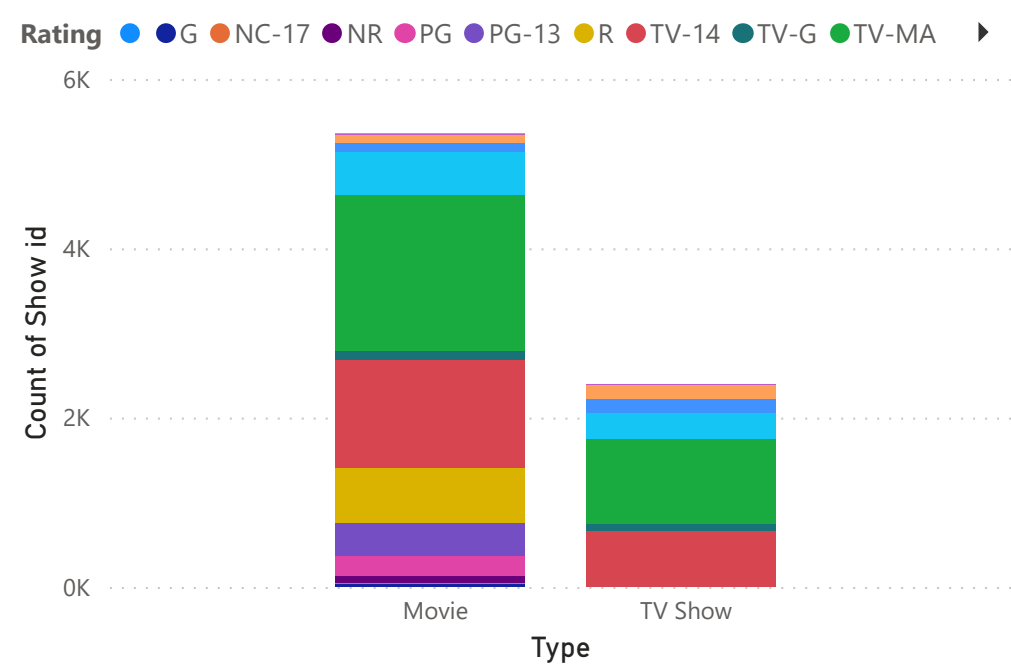
Count of Show id by Type



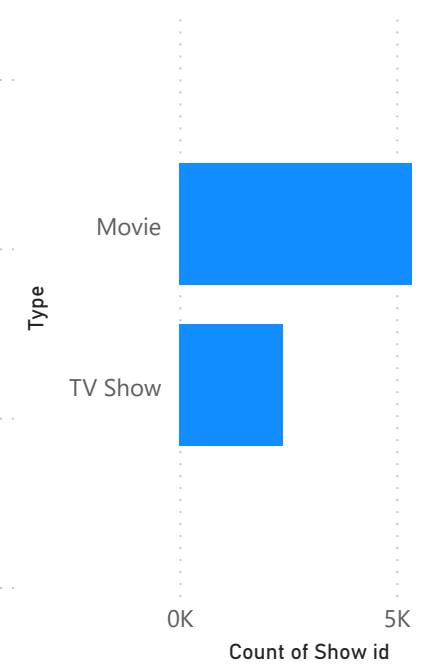
Count of Listed_in by Type



Count of Show id by Type and Rating



Count of Show id by Type



Count of Show id and Count of Listed_in by Month

