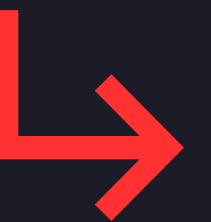


Data Visualization Project

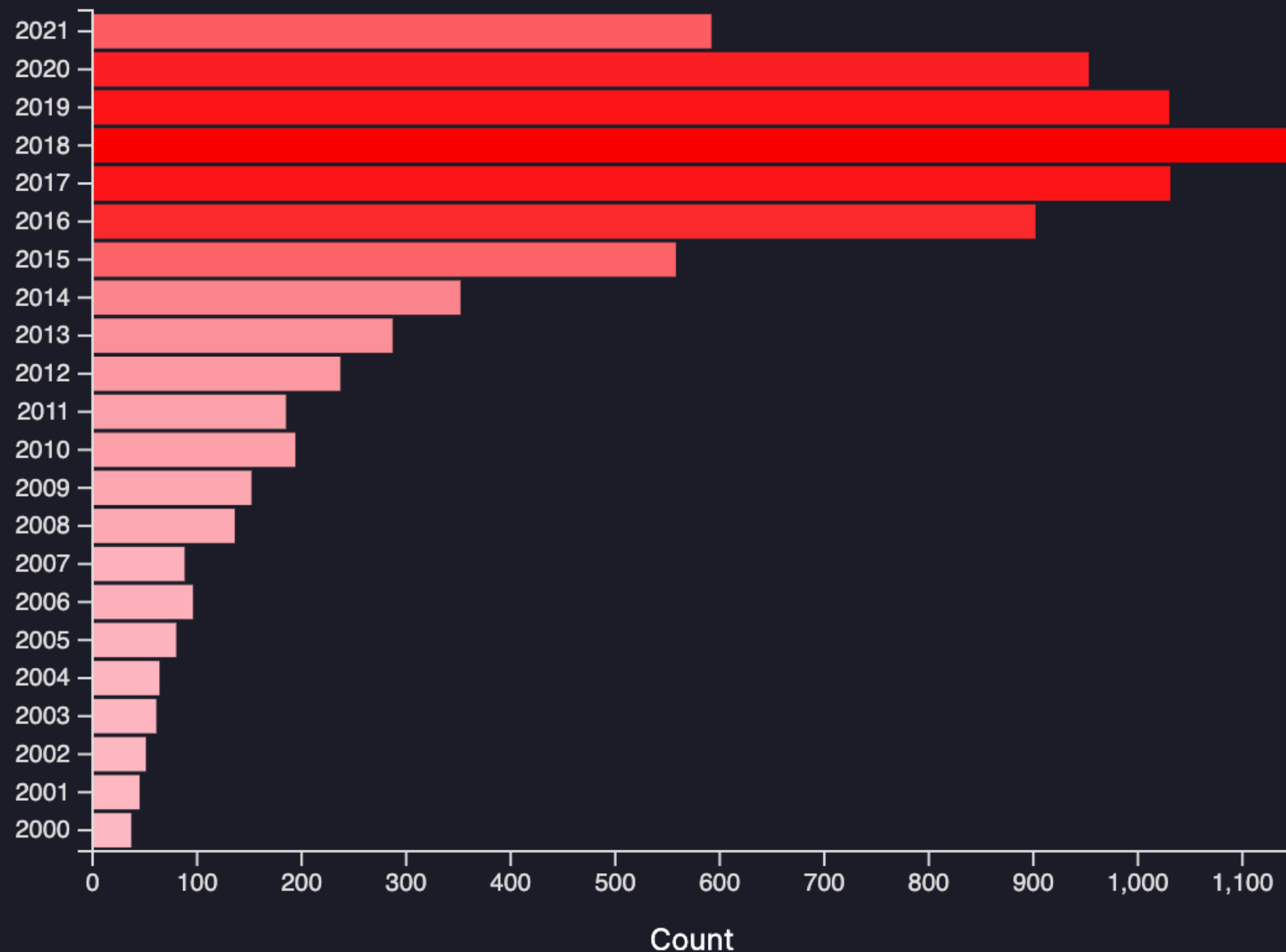
By

*Haddad Sarah
Sarah El-Fecih*



01- Bar Chart

Released Year



Description

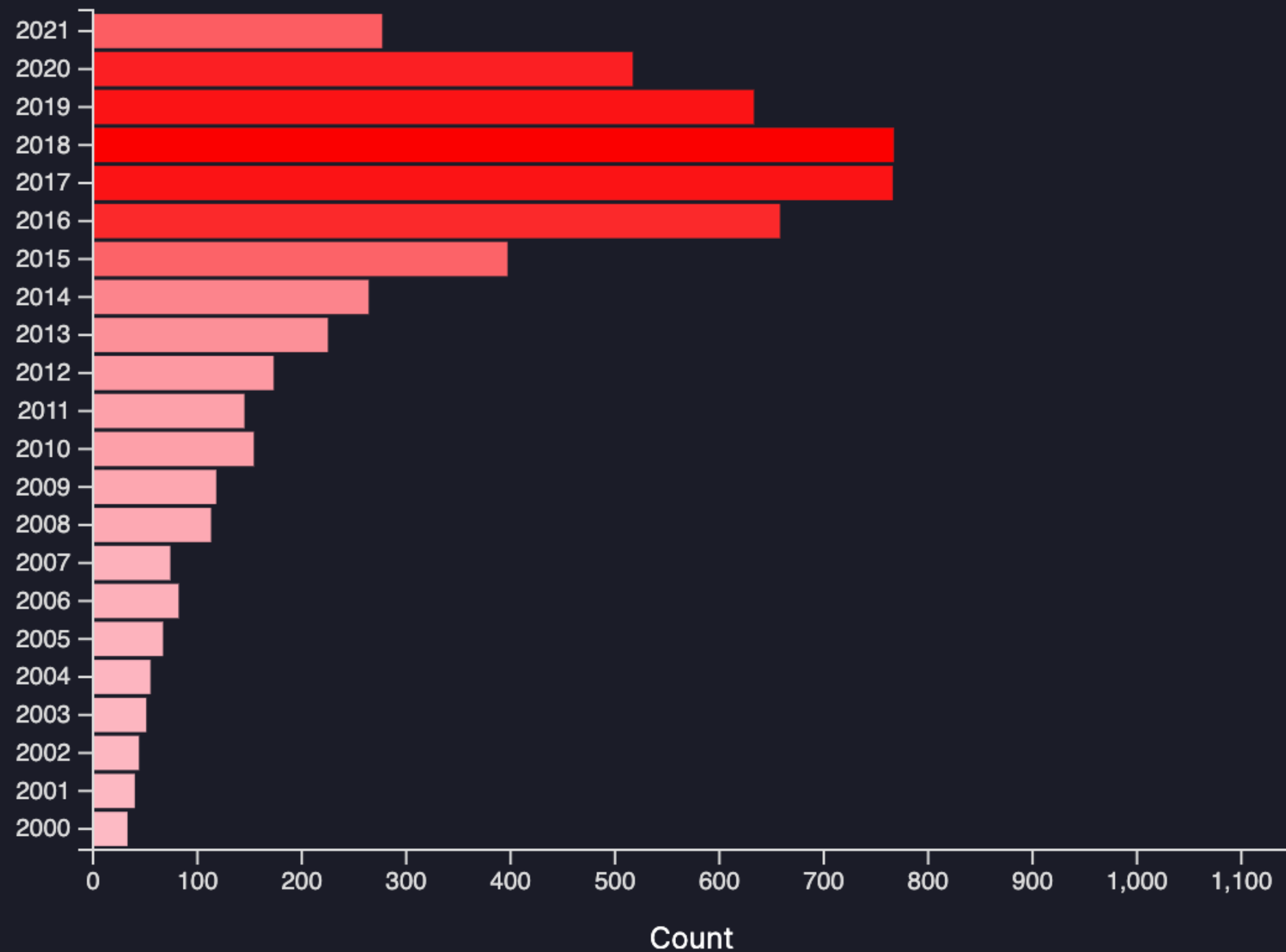


*Displays a bar chart showing **the number of movie and TV shows** releases each year.*

Clicking on the chart transitions between movie and TV show data or all.

01 - Bar Chart

Movie Releases by Year



Description

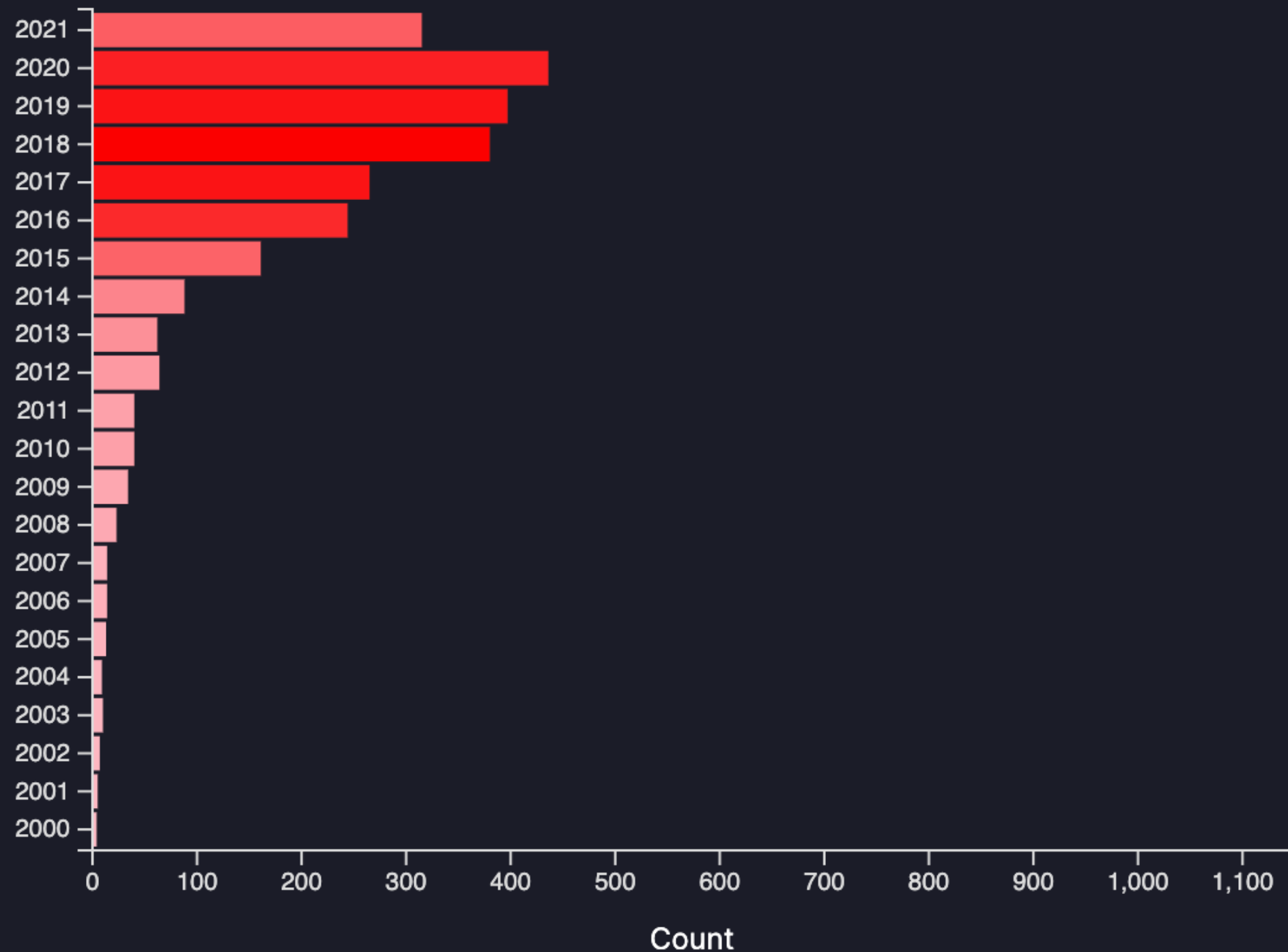


*Displays a bar chart showing **the number of movie releases** each year.*

Clicking on the chart transitions between movie and TV show data or all.

01 - Bar Chart

TV Show Releases by Year



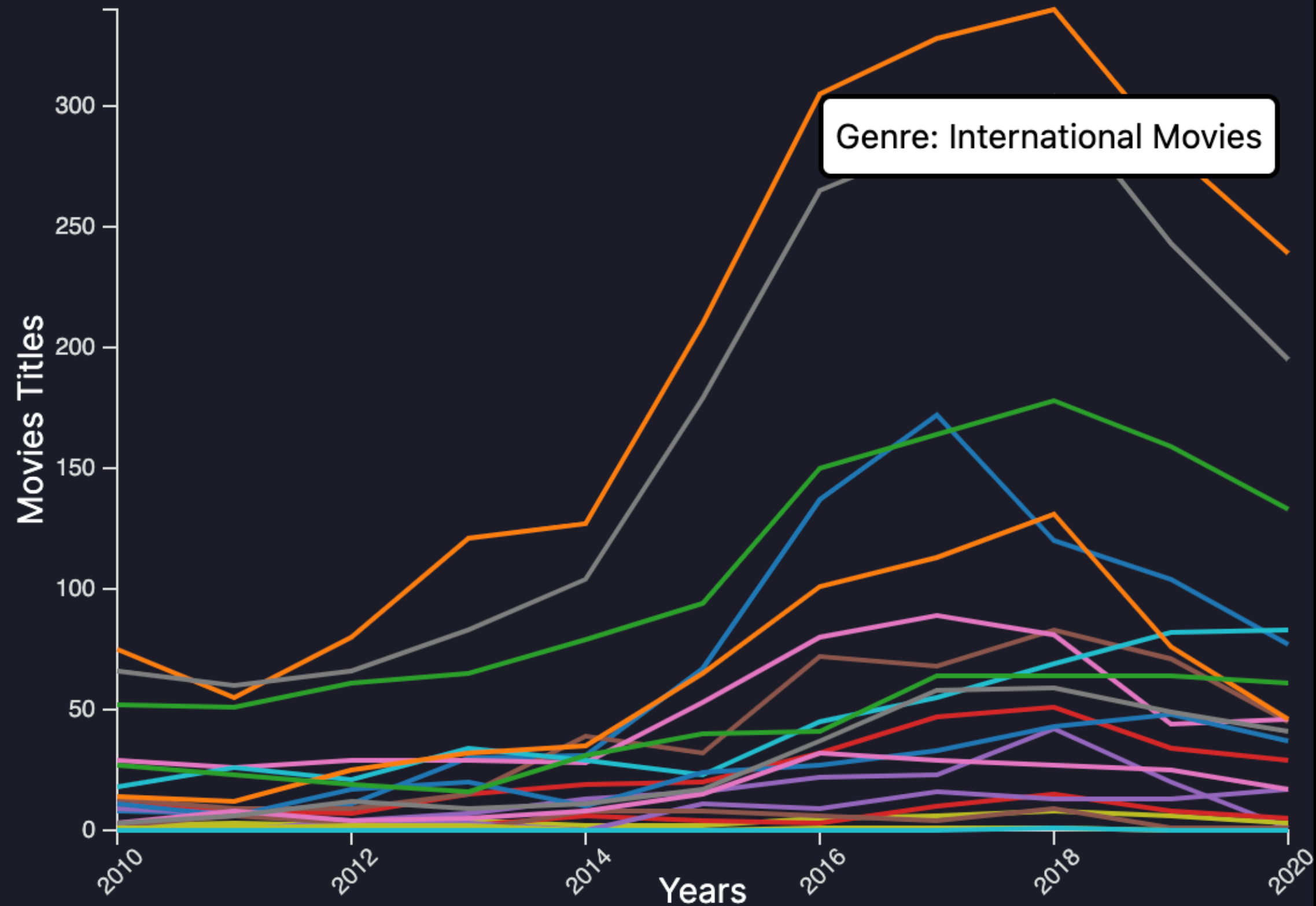
Description



*Displays a bar chart showing **the number of TV Show** releases each year.*

Clicking on the chart transitions between movie and TV show data or all.

02 - Line Chart



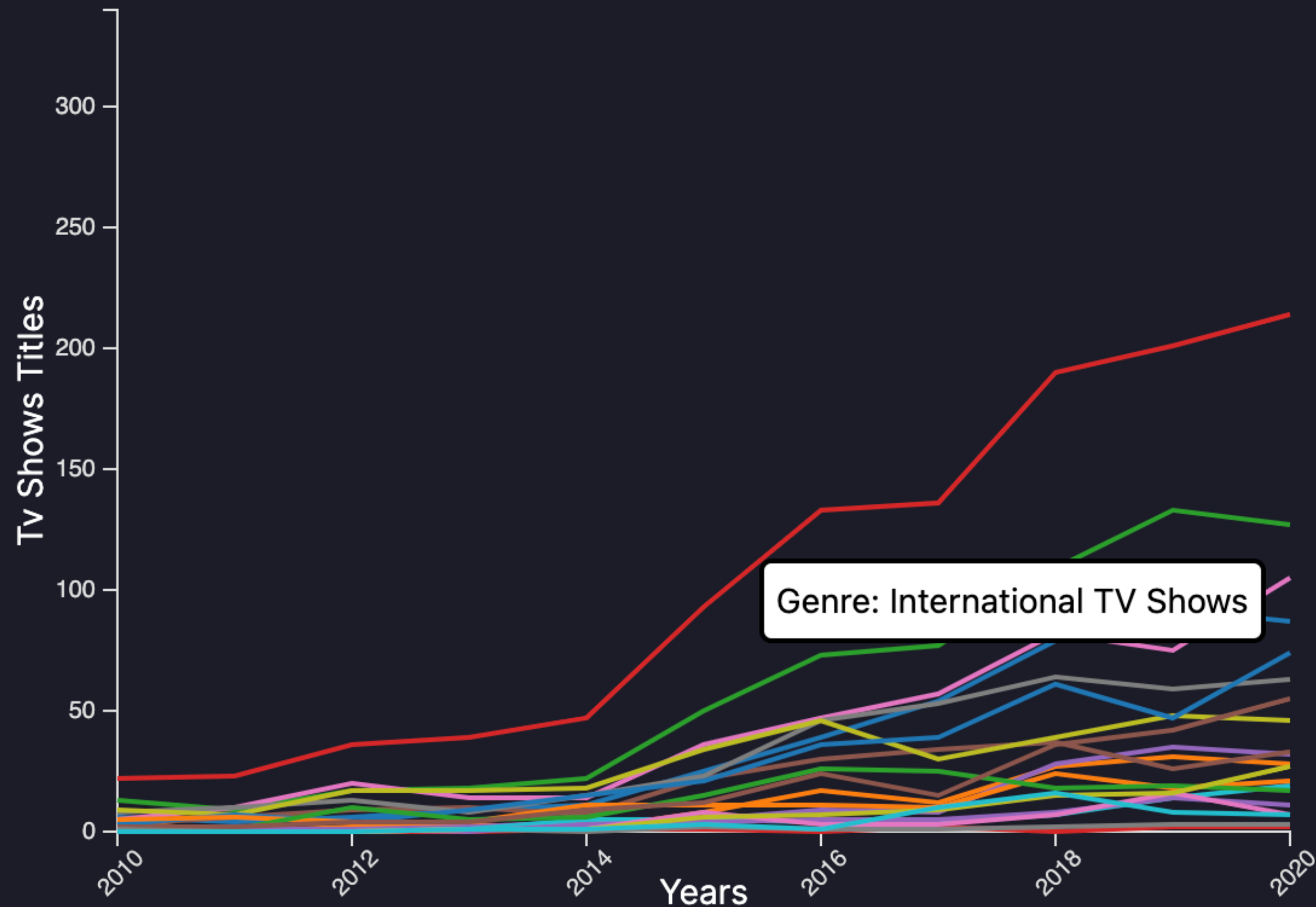
Description



Displays a line chart showing the number of **movie** releases for each genre over the years (2010-2020).

Clicking on the chart transitions between movie and TV show data.

02 - Line Chart



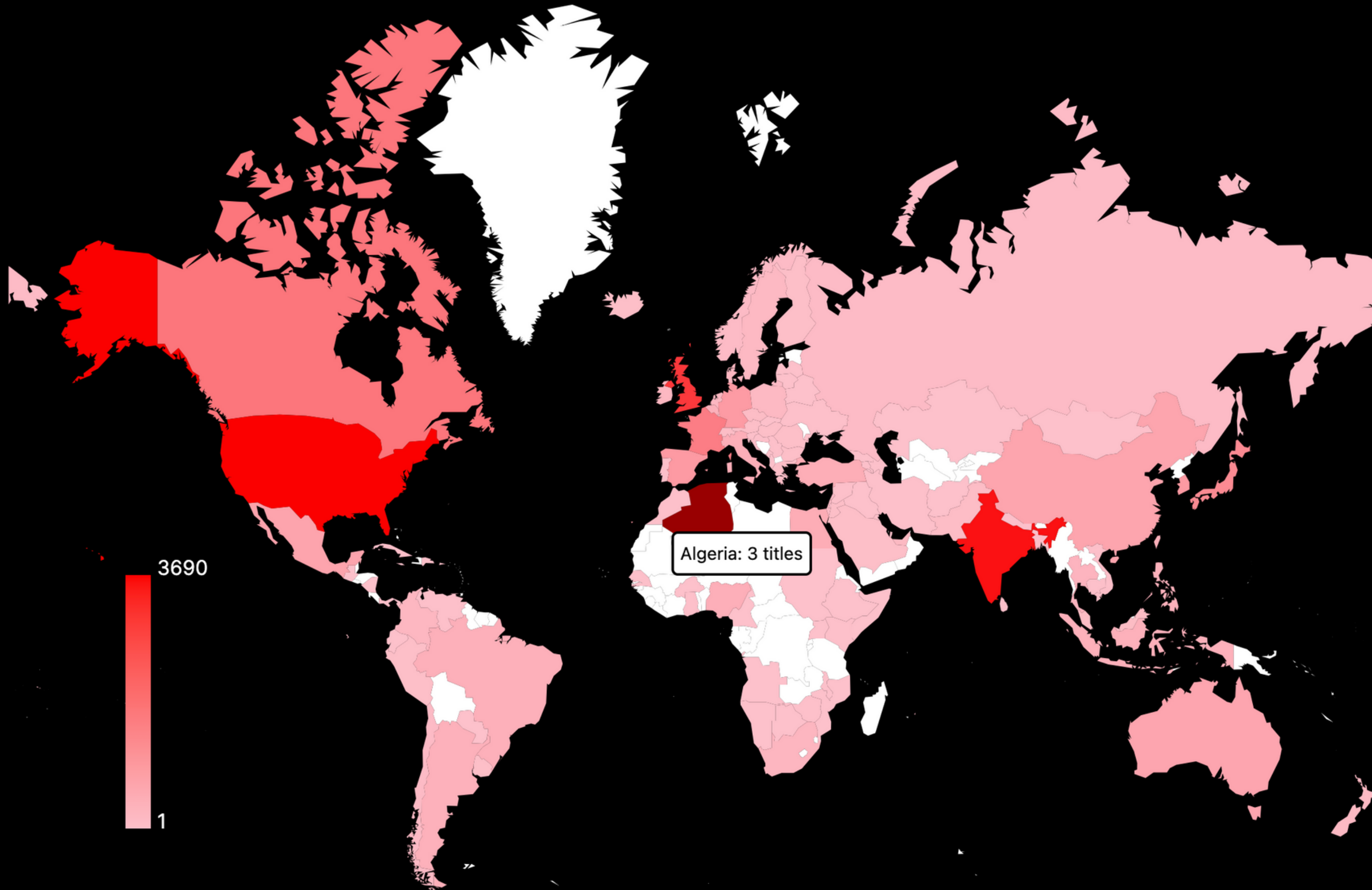
Description



Displays a line chart showing the number of **TV show** releases for each genre over the years (2010-2020).

Clicking on the chart transitions between movie and TV show data.

03 - World Map Showing Title Counts by Country

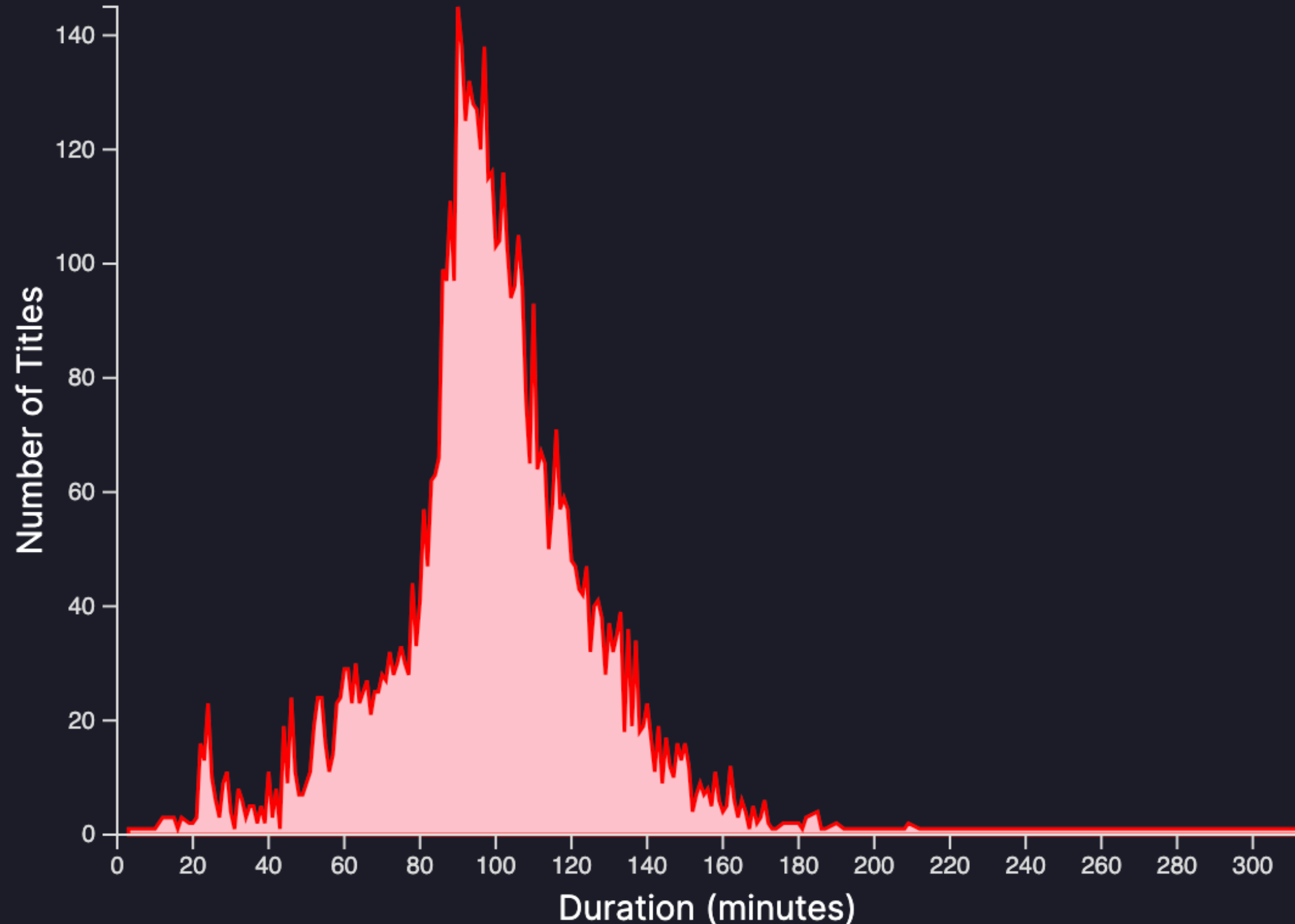


Description



- Displays a world map with countries colored based on the number of titles they contributed.
- Hovering over a country shows a tooltip with the country name and the number of titles.

04 - Area Chart : Movies Durations

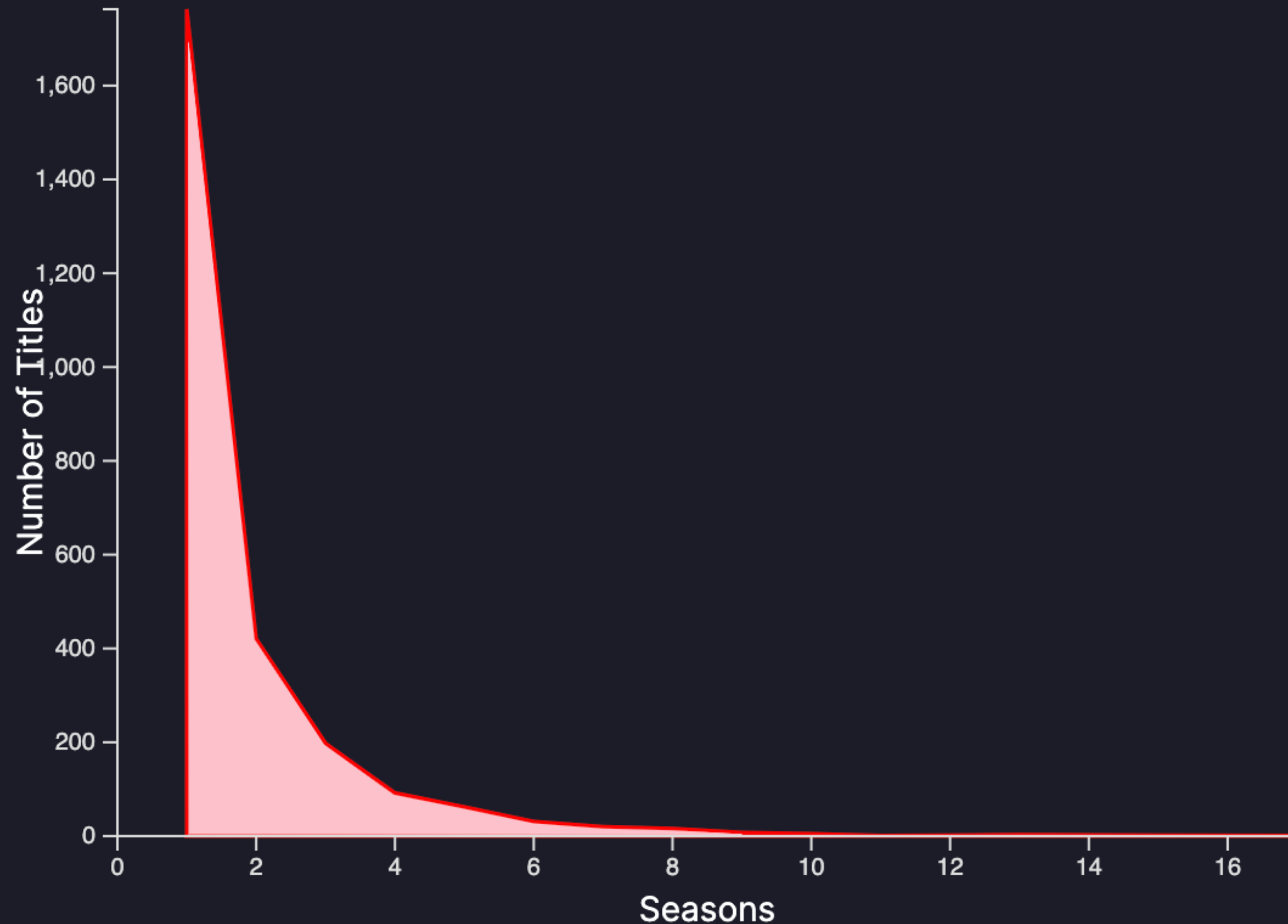


Description



Displays an area chart showing the distribution of movie durations.

04 - Area Chart : TV Shows Seasons

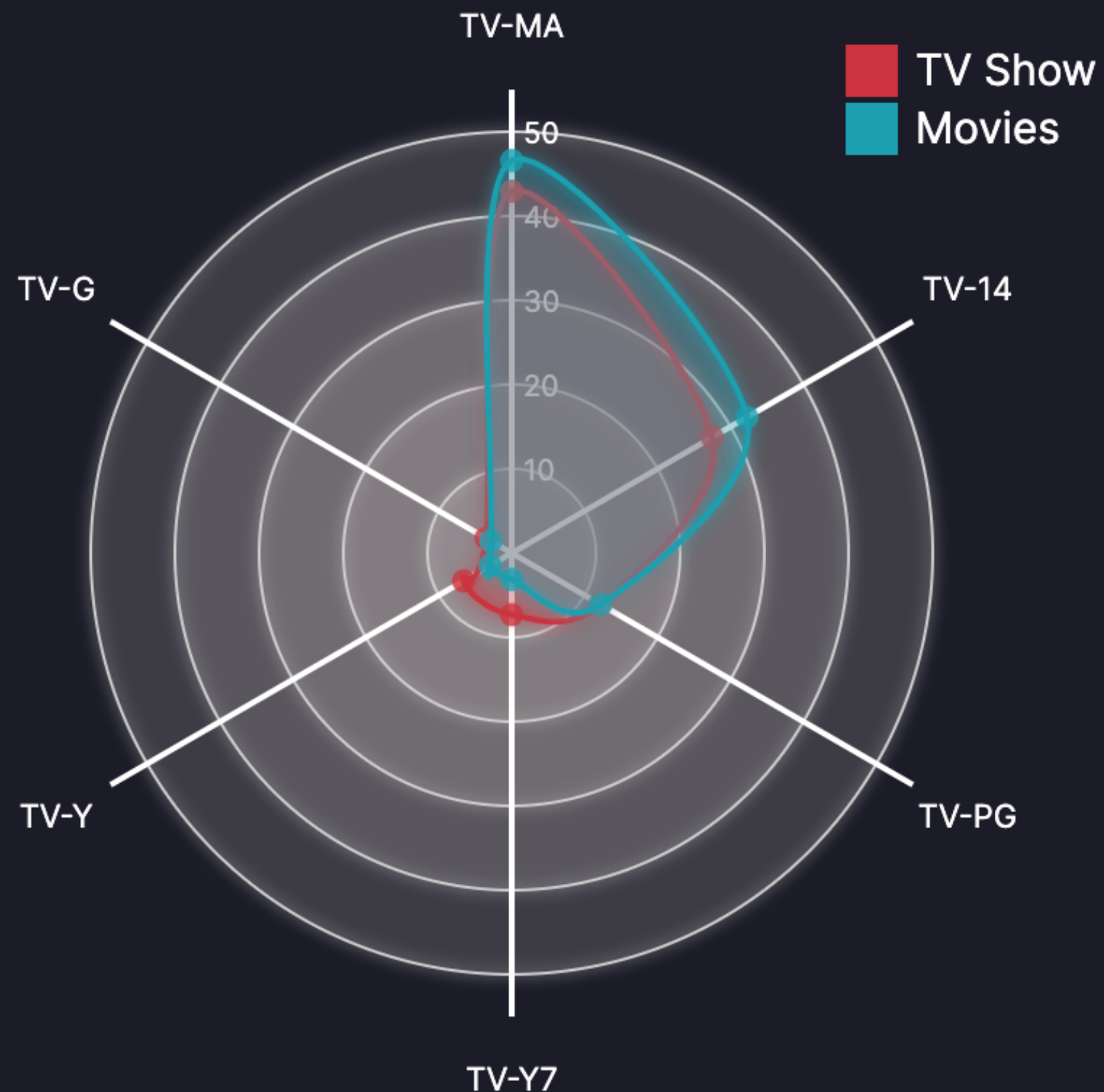


Description



Displays an area chart showing the distribution of TV Shows durations.

05 - Radar Chart : Ratings Distribution



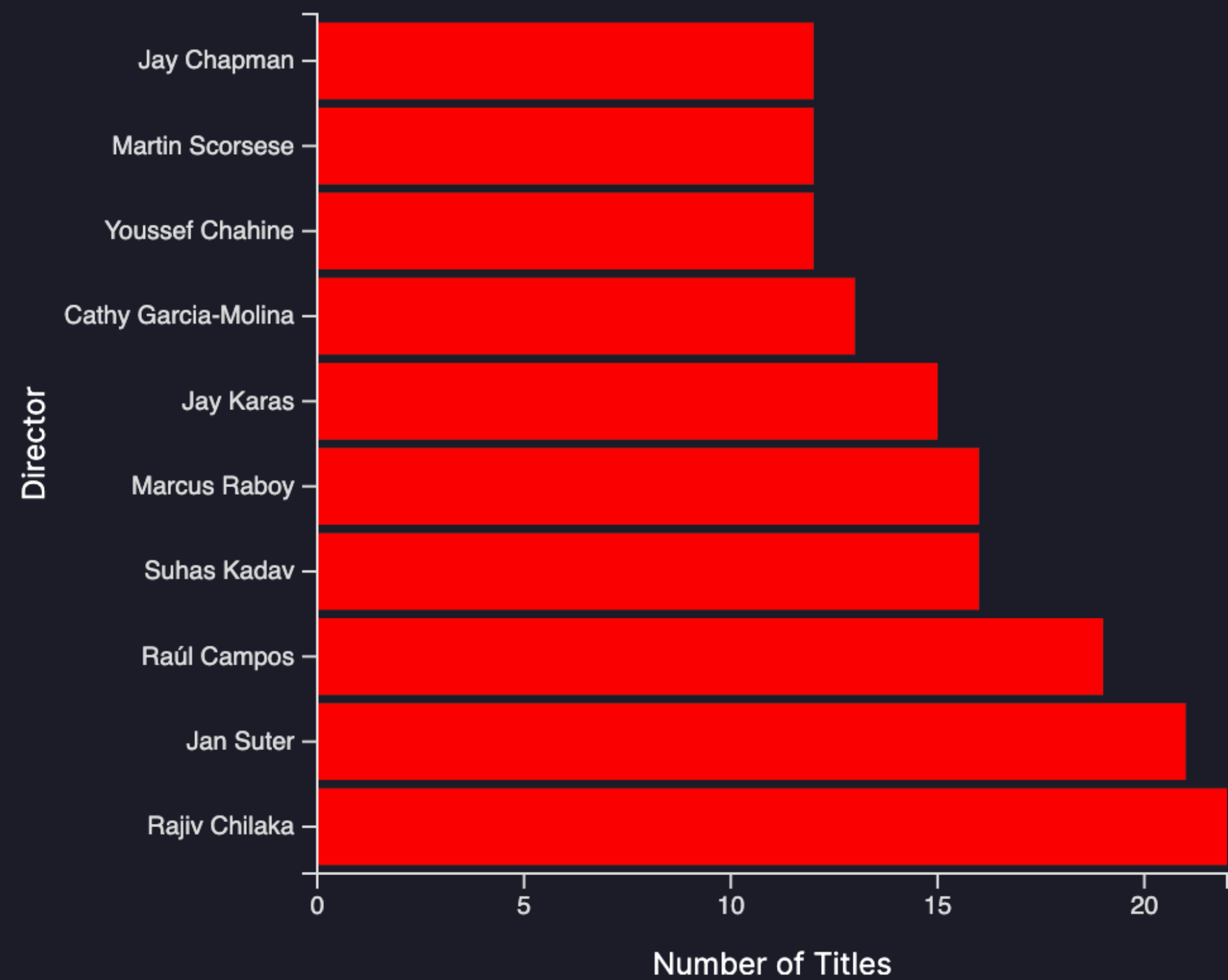
Description



Each axis represents a TV rating, and the data points show the distribution of viewer ratings for both TV shows and movies.

This visual allows us to quickly compare and contrast the popularity of different content based on viewer ratings

06 - Top 10 Directors Bar Chart



Description



Displays a bar chart showing the top 10 directors based on the number of titles they directed.

Movie



TV Shows



07 - Treemap

Description

This treemap visualizes the distribution of movies and TV shows across different categories.

Each rectangle represents a category, and its size corresponds to the number of movies or TV shows it contains

In the journey through these visualizations, we've gained valuable insights into diverse datasets, each presented through a unique lens. Let's summarize the key takeaways:

1. Line Chart - Streaming Trends Over Time:

- Revealed the dynamic growth of netflix over the years.

1. Bar Chart - Content Distribution by Type:

- Clearly illustrated the dominance of movies over TV shows.
- Provided a quick comparison of the content distribution.

1. Radar Chart - Genre Comparison:

- Showcased the distribution of content genres, emphasizing the platform's diversity.
- Highlighted preferences with radar areas for TV-MA, TV-14, and other content ratings.

1. Treemap - Movie and TV Show Distribution:

- Visually organized the library into categories, facilitating easy exploration.
- Unveiled the balance between movies and TV shows in various genres.

Tips



*Data analysis
allows for
identifying trends
and patterns
within datasets.*

04 - Conclusions