

Netflix Movies & TV Shows Dashboard - Documentation

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Dashboard Overview:

This **Netflix Movies & TV Shows Dashboard** provides a comprehensive analysis of Netflix's content library from 1925 to 2021. The dashboard visualizes trends in content releases, genres, ratings, directors, and production across different countries.

The dashboard consists of several key visualizations and metrics, including:

- **Total Titles:** Displays the total number of Netflix shows and movies (8803).
 - **Total Ratings:** Shows how many different content ratings are available (19 ratings).
 - **Total Genres:** Indicates the number of genres in which Netflix content is categorized (515 genres).
 - **Total Directors:** Represents the number of unique directors involved in Netflix productions (4527 directors).
 - **Content Release Timeline:** A graphical representation of Netflix releases over the years, showing the rapid increase in the number of releases from 2000 onwards.
 - **Genres Distribution:** The top genres by the number of shows (Drama, Documentaries, Stand-up Comedy, etc.).
 - **Ratings Distribution:** Displays the number of shows in each rating category (TV-MA, TV-14, etc.).
 - **Movies vs TV Shows:** A pie chart showing the proportion of movies vs TV shows.
 - **Total Shows by Country:** A map showing the distribution of Netflix shows across different countries.
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Analysis Questions

Here are a series of analysis questions that the dashboard can help answer:

1. **Which year witnessed the highest number of Netflix releases?**
 - **Answer:** This can be identified through the "**Total Shows by Release Year**" visualization.
2. **What is the most dominant genre on Netflix?**
 - **Answer:** The most dominant genre is shown in the "**Genres by Total Shows**" chart, where **Dramas, International** leads with 362 titles.
3. **How does the number of movies compare to the number of TV shows?**
 - **Answer:** The "**Movies and TV Shows**" pie chart shows that movies comprise **70%** of the content, while TV shows account for **30%**.
4. **What is the most common content rating on Netflix?**
 - **Answer:** The "**Rating by Total Shows**" chart reveals that the **TV-MA** rating is the most common, with **3207** shows.
5. **Which ratings categories have the fewest shows?**
 - **Answer:** The categories with the fewest shows are **TV-Y** (307 shows) and **TV-Y7** (334 shows).
6. **How many unique directors have contributed to Netflix's content?**
 - **Answer:** According to the "**Total Directors**" data, there are **4527** unique directors involved in Netflix's content.
7. **Which countries produce the most Netflix content?**
 - **Answer:** The "**Total Shows by Country**" map provides a view of the global distribution of Netflix shows, but it does not provide specific numbers on each country. Interaction with the map allows you to see the countries with the most content.
8. **Has there been a significant increase in Netflix releases over the past two decades?**
 - **Answer:** Yes, this trend is visible in the "**Total Shows by Release Year**" graph, with a sharp increase in releases post-2000.
9. **Are documentaries more common than comedies on the platform?**
 - **Answer:** Based on the "**Genres by Total Shows**", **Documentaries** (359) are more common than **Comedies** (274).
10. **Which genres are most prevalent in TV shows vs. movies?**
 - **Answer:** This specific question requires additional segmentation of genres by type of content (Movie vs TV Show), which is not currently provided in the dashboard.

? Further Questions / Enhancements:

If you'd like to further enhance the dashboard, we can:

1. **Segment genres by type (Movie vs TV Show)** to address question #10 more accurately.
2. **Improve the "Total Shows by Country" map** to show specific numbers for each country instead of just providing a visual overview.

Conclusion:

This dashboard provides a comprehensive look at Netflix's content, highlighting trends over time, content types, and global production. By answering key questions, it serves as a valuable tool for analyzing Netflix's growth and content diversity. You can explore the data interactively to gain insights into the platform's content strategy and global reach.