

TMDB Movies Dataset

INTRODUCTION

The TMDB Movies Dataset is a comprehensive collection of movie-related data gathered from The Movie Database (TMDB), an online database that provides information about movies. This dataset offers a rich and diverse set of information, ranging from basic details such as movie titles and release dates to more in-depth features like cast and crew information, genres, and revenue.

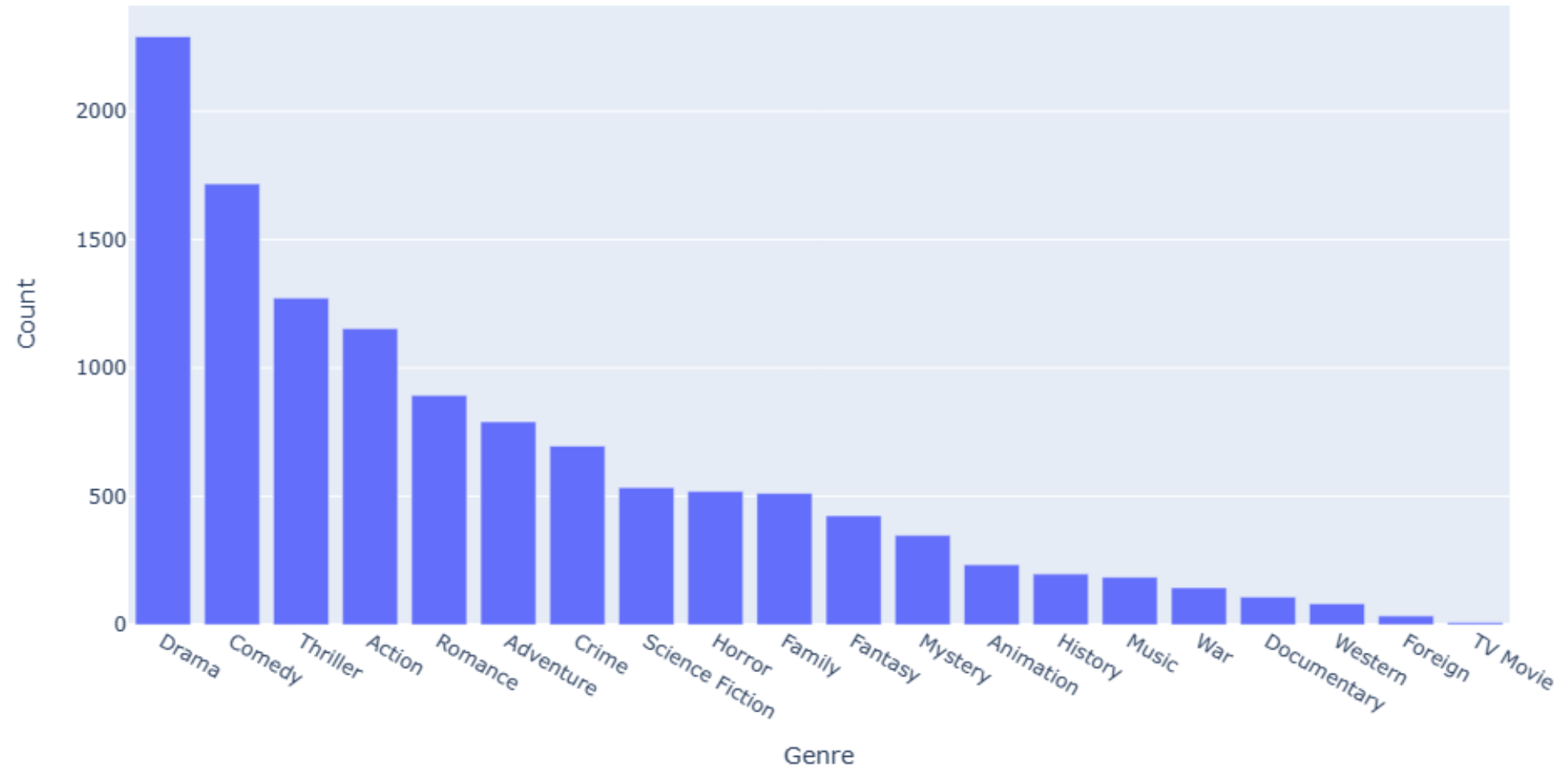
❑ Key Features of the TMDb Movies Dataset:

1. **Movie Metadata:** The dataset includes essential metadata for each movie, including titles, release dates, and runtime. This information serves as the foundation for exploring and analyzing the dataset.
2. **Genre Information:** Each movie is categorized into one or more genres, allowing for genre-based analysis. Genres play a crucial role in understanding the diversity and distribution of movie themes.
3. **Crew and Cast Details:** Gain insights into the individuals behind the scenes and on-screen with data on directors, producers, actors, and other crew members. This feature facilitates exploration of the roles and contributions of various professionals in the film industry.
4. **Financial Metrics:** Financial data such as budget and revenue are provided, enabling an examination of the economic aspects of the movies. This information is valuable for assessing a movie's financial success and industry trends.
5. **Popularity:** Understand the audience reception of movies through popularity scores. Analyzing these metrics provides insights into the public's perception and acceptance of different films.
6. **Release Information:** Explore patterns in movie releases over time, including the distribution of movies across different years and months. This aspect of the dataset is valuable for identifying trends and understanding the evolution of the film industry.

objectives

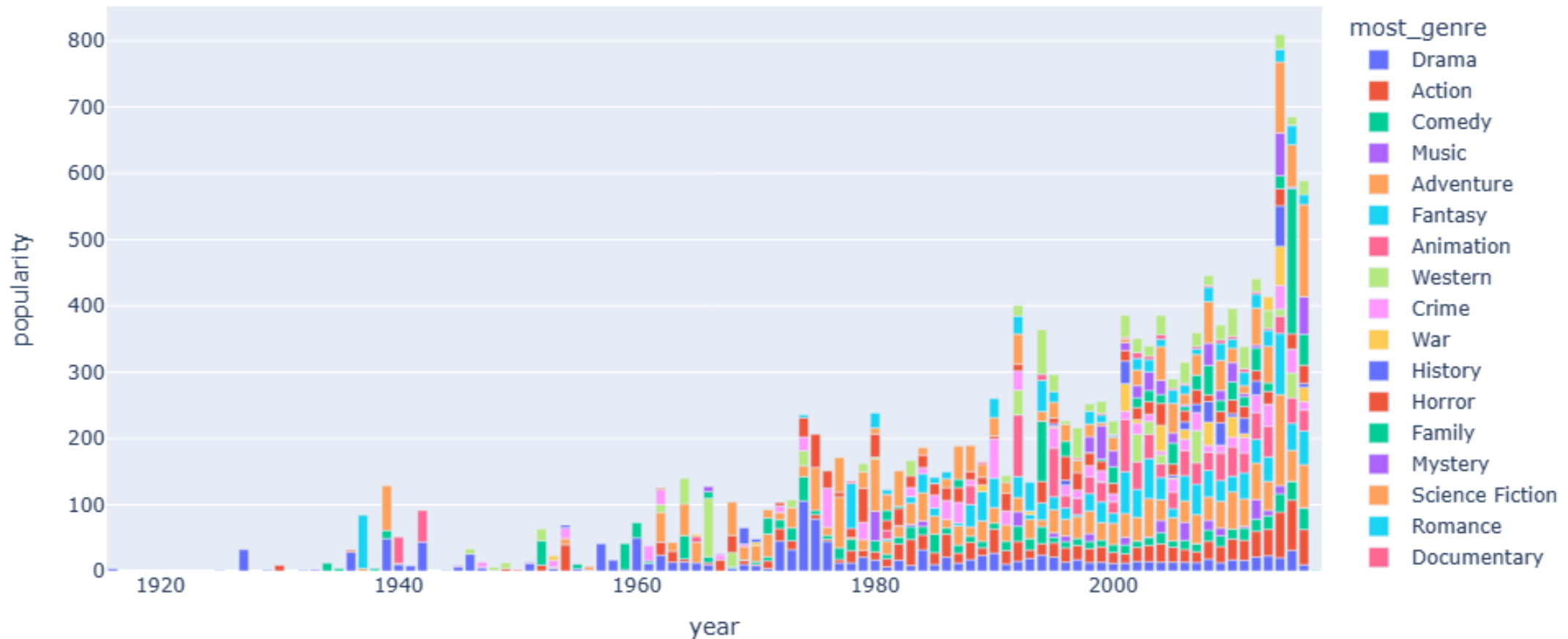
- genres distribution ?
- Which genres are most popular from year to year?
- What kinds of properties are associated with movies that have high revenues?
- What are The most 10 production countries ?
- Profit Vs Months?
- Movies Counts over Years?
- Runtime Distribution?

genres distribution ?



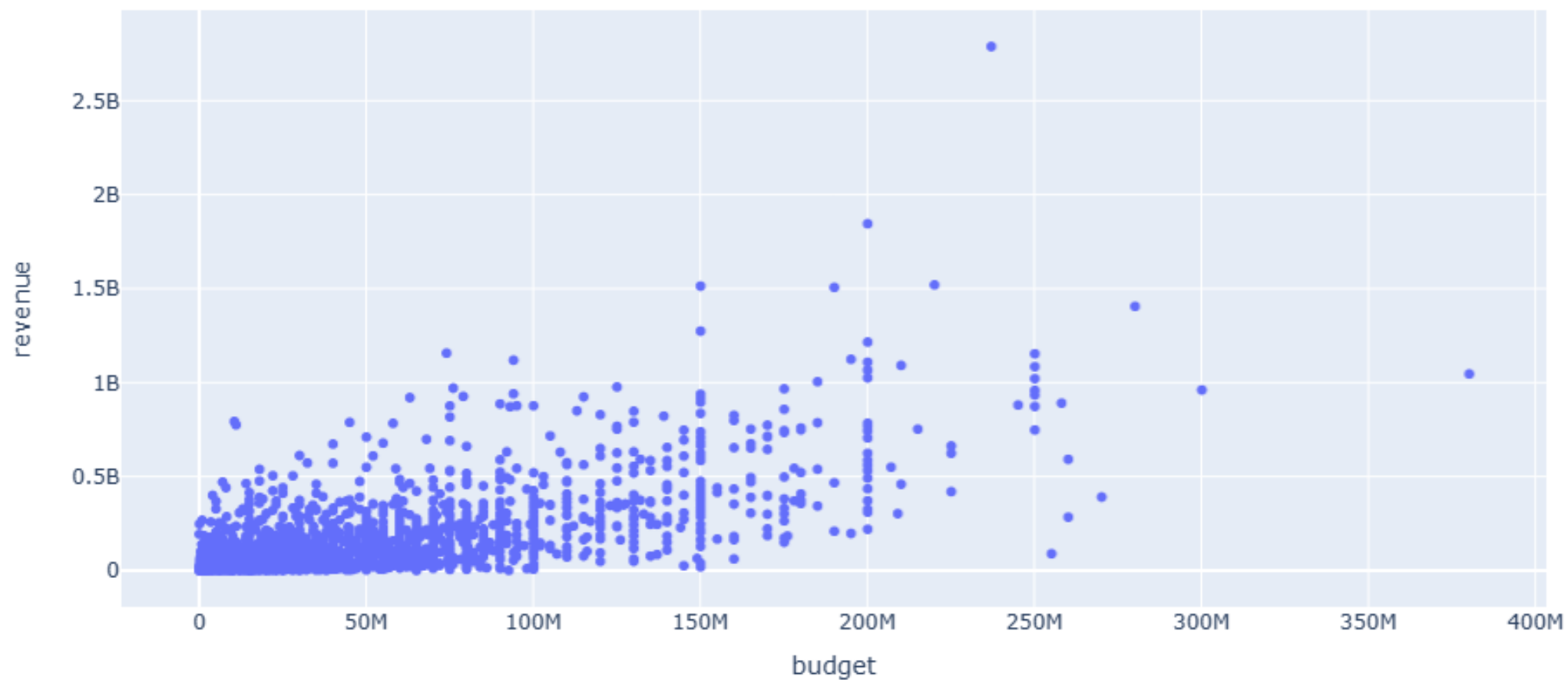
Which genres are most popular from year to year?

popularity by Genre Over the Years



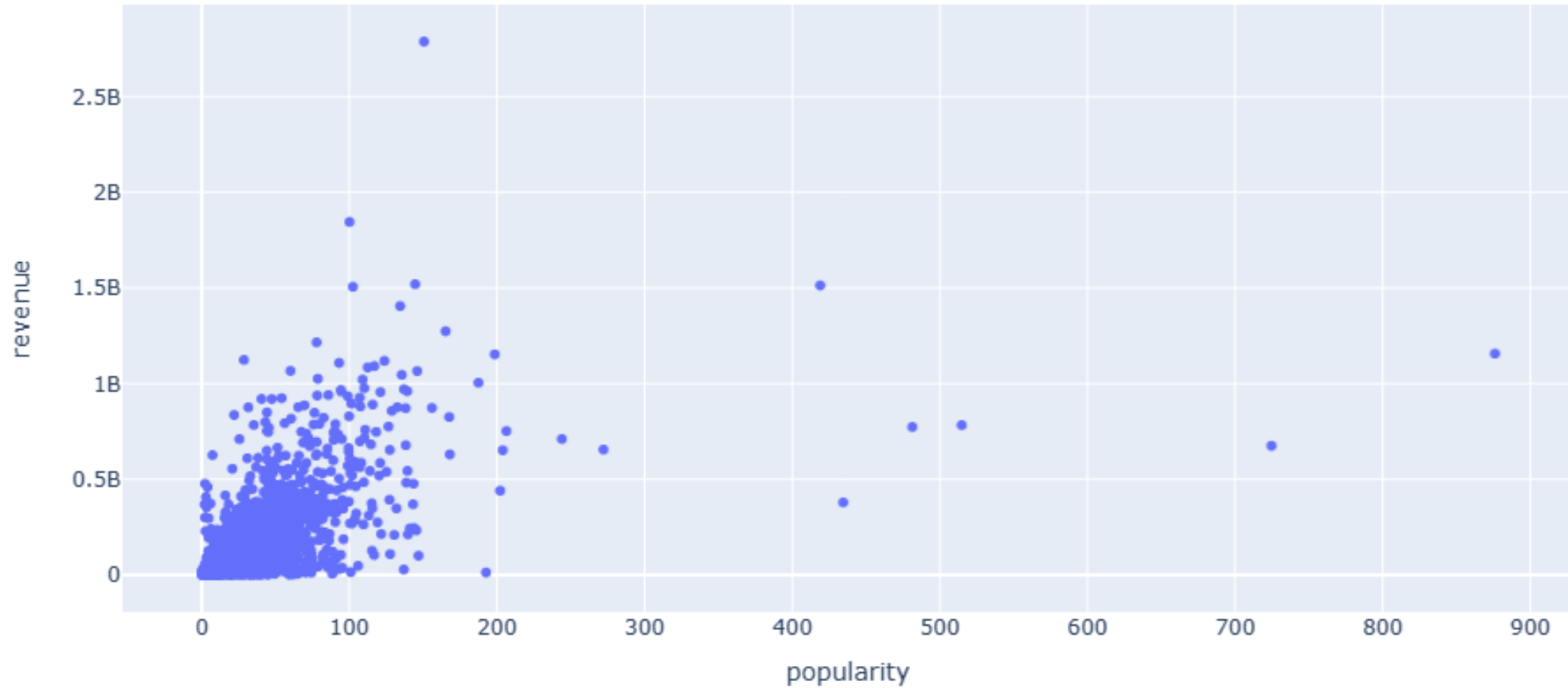
BUDGET Vs Revenue

Budget Vs Revenue



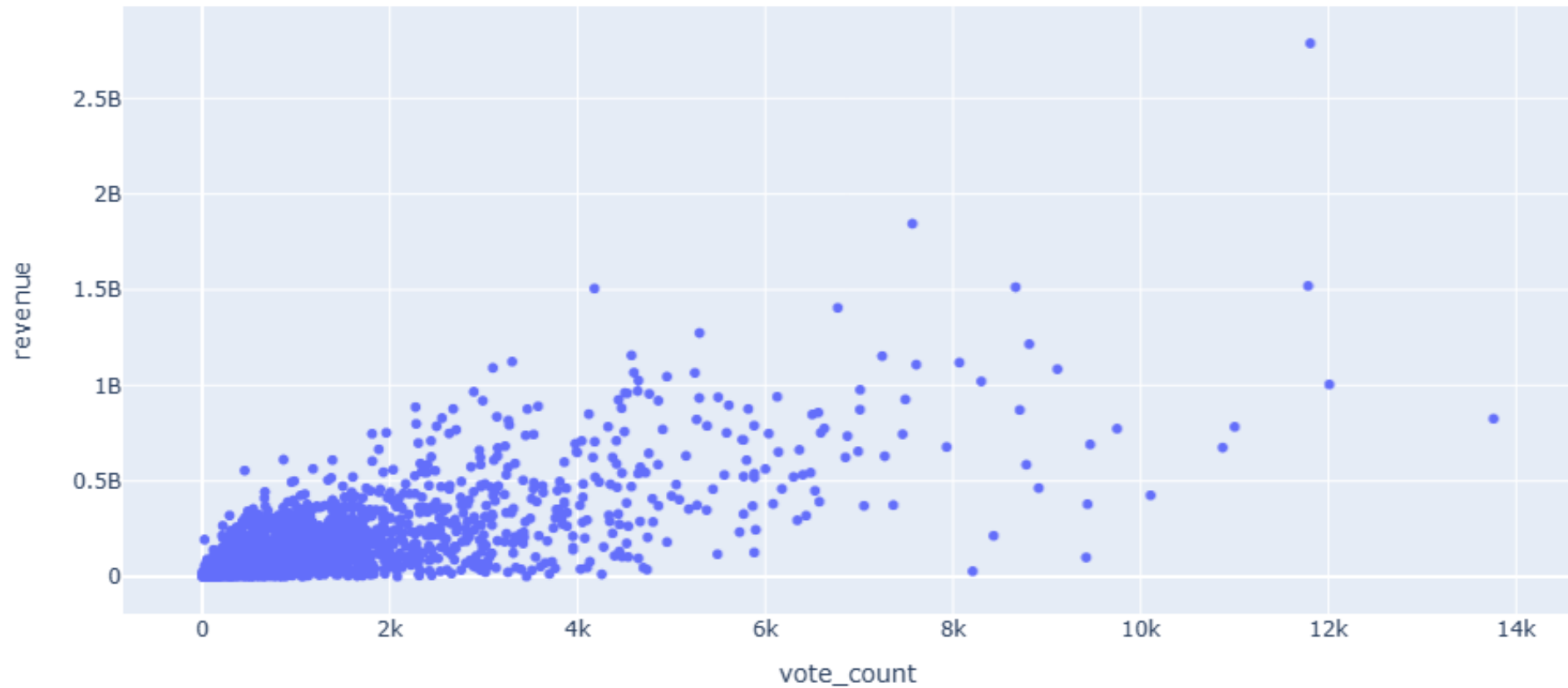
POPULARITY Vs Revenue

Popularity Vs Revenu



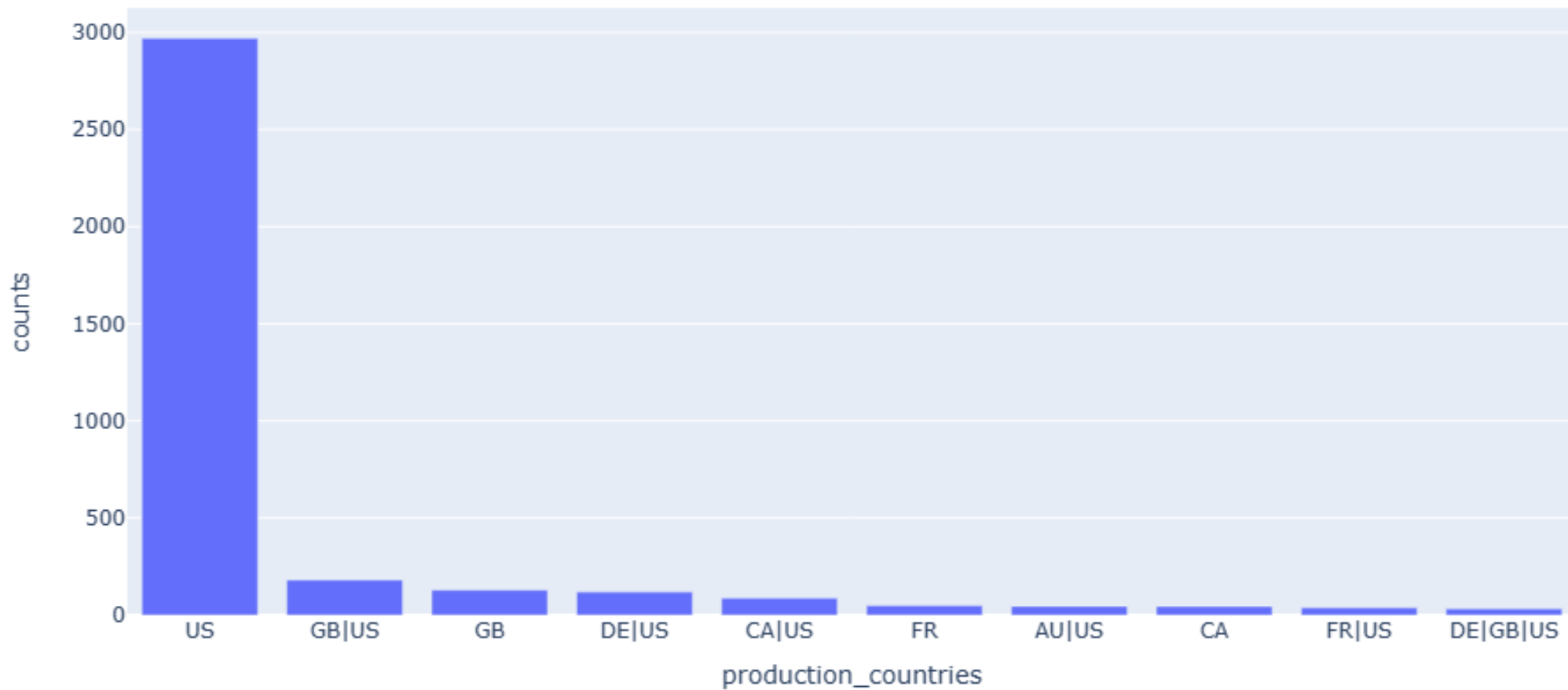
Vote count Vs Revenue

vote_count Vs Revenue

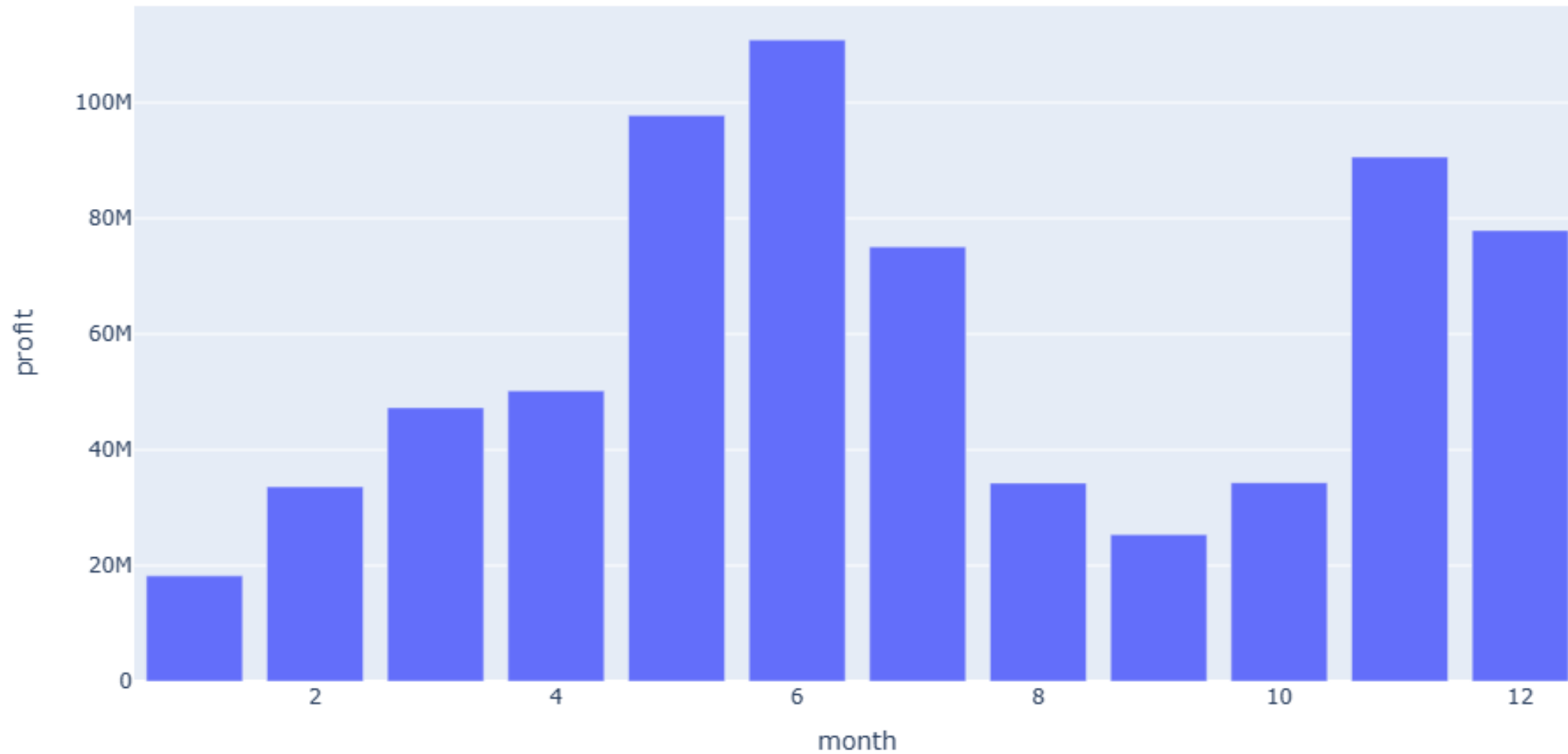


THE MOST 10 PRODUCTION COUNTRIES

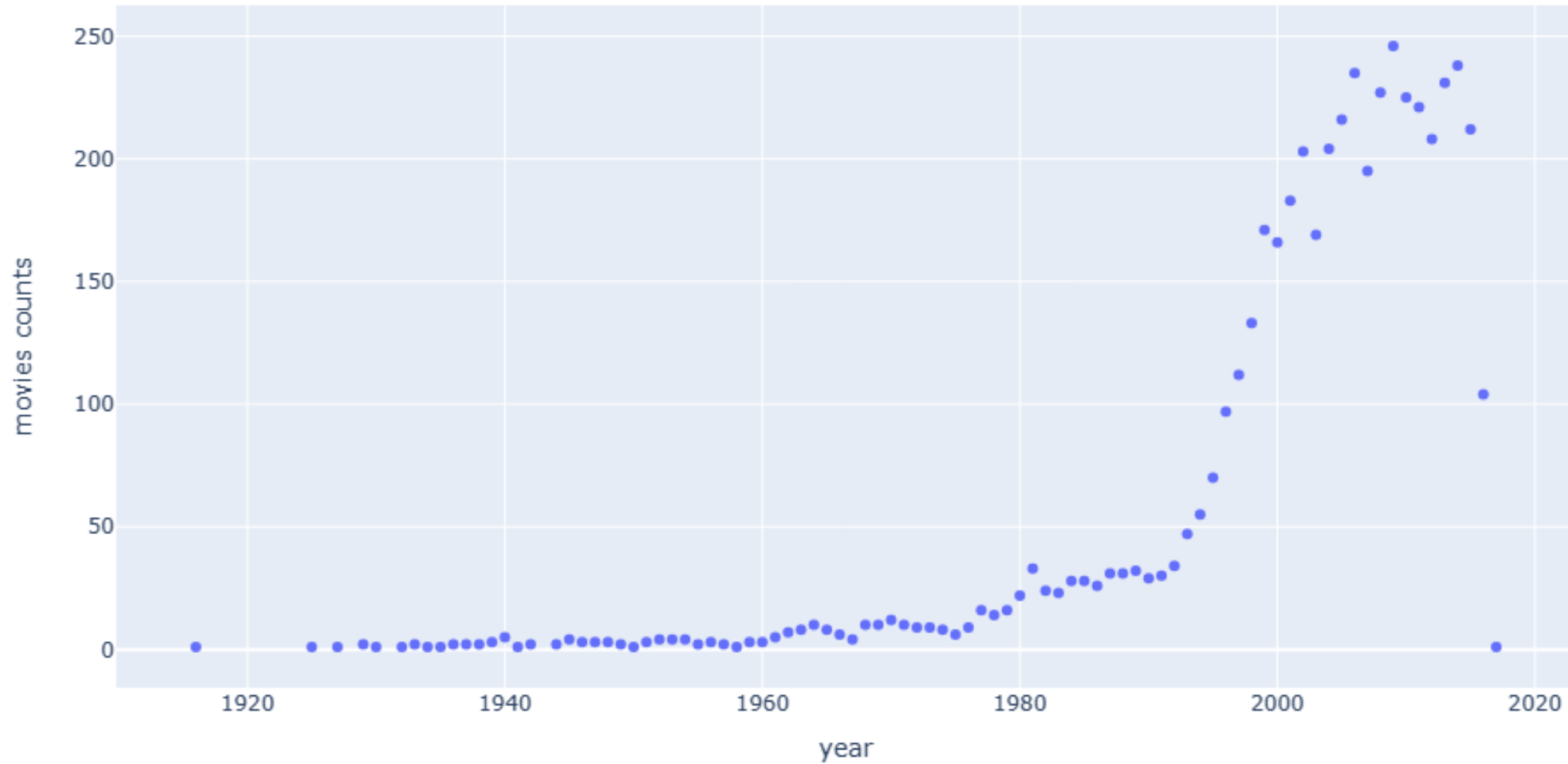
the most 10 production_countries



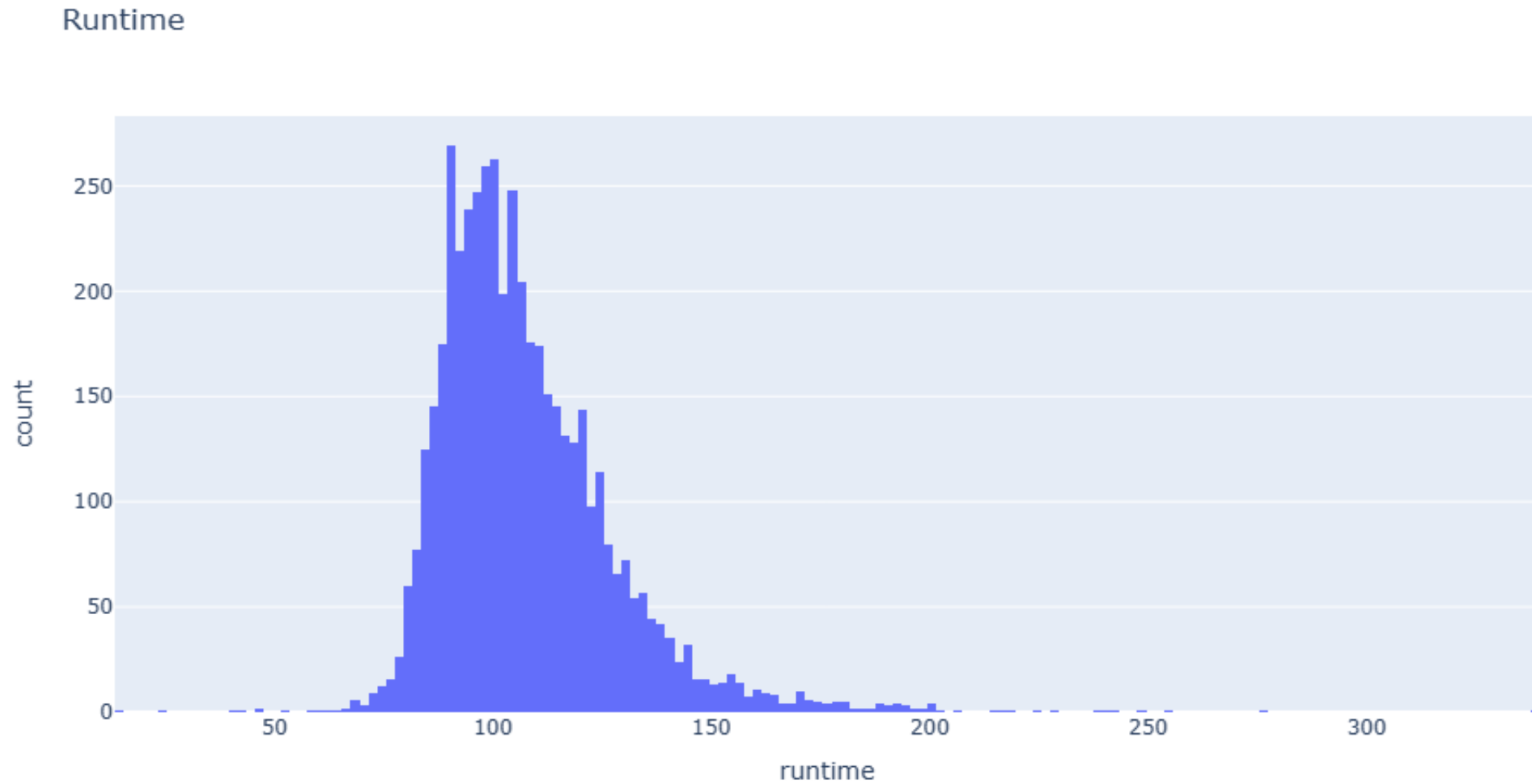
PROFIT Vs MONTHS



Movies over Years



Runtime Distribution



Runtime Distribution

