

Movie Data Analysis Report

Exploring TMDB Movie Dataset

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2025-07-08

Welcome to Movie Data Insights

Discover trends, patterns, and stories hidden in thousands of movies

Dataset Overview

Dataset contains 3,940 movies

Date range: 1902-04-17 to 2023-08-16

Average rating: 6.8/10

Total revenue: \$564.3B

Movie Release Trends

The movie industry has seen remarkable growth, with a significant increase in productions starting from the 1990s.

Popular Keywords

What themes and concepts dominate cinema? Let's find out:

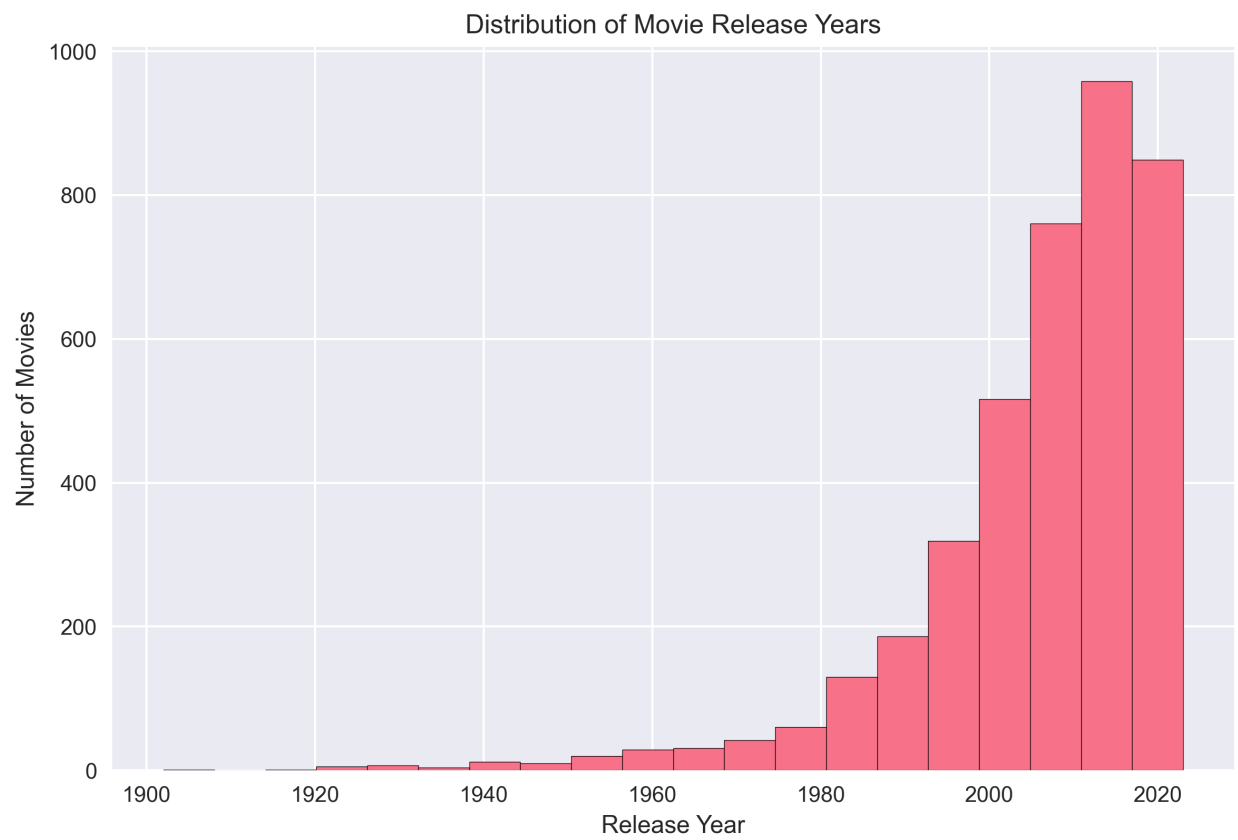


Figure 1: Distribution of movie releases over the years shows the evolution of cinema

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Genre Landscape

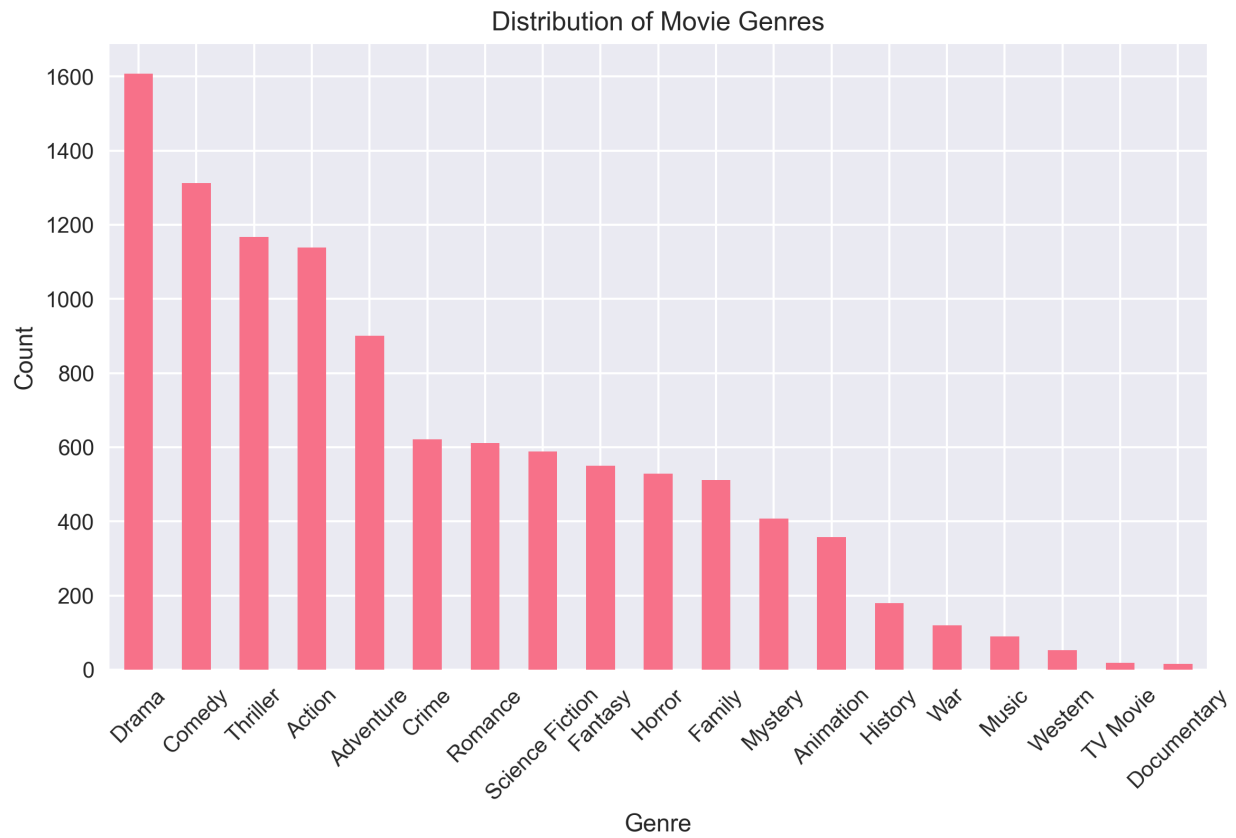


Figure 3: Distribution of movies across different genres

Featured Movie

Let's spotlight a random movie from our dataset:

Top Gun ({python} year})



Figure 4: Movie Poster

Genre: Romance

Rating: 7.0/10

Synopsis:

For Lieutenant Pete ‘Maverick’ Mitchell and his friend and co-pilot Nick ‘Goose’ Bradshaw, being accepted into an elite training school for fighter pilots is a dream come true. But a tragedy, as well as personal demons, will threaten Pete’s dreams of becoming an ace pilot.

Key Insights

Industry Growth

The film industry has experienced exponential growth, particularly from the 1990s onwards.

Genre Diversity

Drama and comedy remain the most popular genres, but the landscape shows rich diversity.

Quality vs Popularity

There’s an interesting relationship between vote count and ratings across different genres.

Analysis completed on July 08, 2025