

# Movies Dataset Dashboard Report

## Overview

The Movies Dataset Dashboard offers a detailed visualization of various aspects of movie data, including revenue, budget, runtime, vote count, popularity, languages, director statistics, genres, production companies, and countries involved in movie production. The dashboard enables users to filter the data by movie, director, and status (post-production or released), providing an interactive way to explore the dataset.

## Key Insights

### Total Revenue and Budget:

Total Revenue: \$391.49 billion

Total Budget: \$131.27 billion

### Revenue by Movie:

#### **Top Grossing Movies:**

Avatar: Highest revenue close to \$3 billion

Titanic: Revenue above \$2 billion

The Avengers: Revenue close to \$1.5 billion

Other notable movies include Jurassic World, Furious 7, Avengers: Age of Ultron, Frozen, and Iron Man 3.

### Runtime by Movie:

The chart shows a wide range of runtimes, with most movies clustering below 200 minutes. Notable movies with higher runtimes include "Carlos" and "Cleopatra".

### Vote Count by Movie:

#### **Top Movies by Vote Count:**

Inception: Highest vote count, surpassing 10,000 votes.

The Dark Knight: Close to Inception in vote count.

Other movies with high vote counts include Avatar, The Avengers, Deadpool, Django Unchained, and Interstellar.

### Popularity and Languages:

Average Popularity: 29.03

Total Languages: 4.93K

### Director Statistics:

Total Movies: 3229

Above Average: 946

Below Average: 2283

### Count of Movies by Director:

Steven Spielberg: Most movies directed.

Other notable directors include Clint Eastwood, Martin Scorsese, Ridley Scott, and Robert Rodriguez.

### **Sum of Average Revenue by Genres:**

#### **Top Genres by Revenue:**

Animation, Adventure, and Fantasy genres lead in average revenue.

Other significant genres include Family, Science Fiction, and Action.

### **Production Companies by Director:**

#### **Top Production Companies:**

Steven Spielberg: Associated with the highest number of production companies.

Other notable directors with significant production company associations include Ridley Scott, Clint Eastwood, and Robert Rodriguez.

### **Movies Count by Genres:**

#### **Top Genres by Movie Count:**

Drama, Comedy, Thriller, and Action genres have the highest number of movies.

### **Count of Movies by Countries:**

Movies Produced in Single Country: 72.07% of movies

Movies Produced in Two Countries: 18.74%

Movies Produced in Three or More Countries: 9.19%

### **Filtering Capabilities**

Movie Filter: Allows users to select specific movies for detailed analysis.

Director Filter: Enables users to focus on specific directors.

Status Filter: Provides options to view movies in post-production or released status.

### **Visualizations**

Bar Charts: Show revenue by movie, vote count by movie, sum of average revenue by genres, count of movies by director, and production companies by director.

Line Chart: Displays runtime by movie.

Pie Chart: Illustrates the count of movies by countries.

### **Conclusion**

The Movies Dataset Dashboard effectively summarizes and visualizes the movie dataset, highlighting key metrics such as revenue, budget, vote count, popularity, and director statistics. The interactive filters allow users to explore specific aspects of the dataset, providing valuable insights into the movie industry's dynamics. This dashboard serves as a powerful tool for movie analysts, researchers, and enthusiasts interested in understanding the trends and patterns in movie data.