Top 1000 Movie Analysis

# Call to Action: Find the "success recipe” for movies listed in the top 1000

## Source

[Source File - Top 1000 Movies by IMDB Rating (csv)](https://www.kaggle.com/harshitshankhdhar/imdb-dataset-of-top-1000-movies-and-tv-shows)

[Open Movie Data Base](https://www.omdbapi.com/)

### Charting – Use Year Range 1920-2019

**Correlations - Sally**

* + - * + IMDB Rating & Gross Revenue
  + Histogram bar
    - * + Run Time & Gross Revenue
        + Genre & Gross Revenue
        + IMDB Rating & Meta Score
  + Scatter
    - * + Gross Revenue & Number of Votes

Scatter

**Group by - Elliot**

* Genre
  + IMDB Rating
  + Gross Revenue

Bar

* + - * + In Certificate (Rated, PG-13, R, etc)
  + IMDB Rating
  + Gross Revenue
  + Run Time
* Years In 10 Year Increment
  + Average Gross Revenue
  + Average IMDB Rating

**Measure - Samuel**

* + - * + Most appearance in top 1000

Directors

Stars

Genre

director + actor combination

**API & Geomapping - James**

* + - * + Use OMDB to append new data to existing source
  + Production Counties
    - * + Map top 1000 movies
        + Gross revenue by countries

**New Dataset**

* Create a new dataset using OMDB
  + - * + Are newer movies

**Prediction**

* + - * + Before starting, group's prediction on leading countries in movie production
        + Result vs prediction
        + upcoming movies in 2022 choose 5~10
        + pull necessary datas using OMDB
        + Compare to our anylsis in top 1000

predict movie's success?

Tasks