Data Visualisation
Project Report

Visualize!t
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Video Demonstration

YouTube Link: https://youtu.be/cVMyvmGrRuk

Source Dataset

Source: https://datasets.imdbws.com
Documentation: https://www.imdb.com/interfaces/

Purpose

We often find ourselves browsing Netflix (for example) for titles and end up not watching anything. Entertainment should be easy and less taxing.

In addition, ratings don't always tell the story. "Will the next episode be a great one or a disaster?" is not a fun thought experiment for a viewer. Thus, it is preferred to have a rather consistent show quality-wise.

For example, consider the show: The Walking Dead has a great overall rating, but it is very inconsistent in terms of quality. Another example would be Game of Thrones with a steep drop in the later times.

The visualization aims to assist with such decision making.

Analysis of the Video Demonstration

We noticed that often, popular shows can have wide ratings. Two examples:

- The Walking Dead has a great overall rating, but it is very inconsistent in terms of quality. There are a few dips.
- Game of Thrones is another example with a steep drop in its later period.

Length of a show does not necessarily correlate content quality, although it might seem otherwise. In the process, I discovered a good series Fargo I wasn't aware of.

Other Potential Examples of the Visualization

This visualization could be extended to other scenes, like:

- Student Performance in a Semester:
  The visualization can be used to evaluate a batch's performance over a given semester. Each circle representing a student with radius proportional to their SGPA, thickness reflecting consistency of SGPA over all courses in that semester. The trend graph could show their performance over time in the semester based on assignment grades.
- Per country infection rates:
  It can help understanding the extent of the spread and where international efforts could be put to use. For example, the radius representing the country's population, thickness may represent the infection severity and historical trend of virus growth in that country.
- Per Country GDP:
  Radius: GDP
  Thickness: GDP per capita
  Line graph: GDP growth trend.