Data Science Research Methods Assignment-3

Sahil Singh

University of Sussex

2021

Introduction

The objective of the report was to analyze a movie dataset from imdb to make reccomendations on the type of movie the studio should consider making.Our budget for production was 1.5 million.

Data Analyses

- First step was to control for budget and only consider movies with a budget of less than 1.5 million.
- Next, a new feature, 'profit_percentage' was calculated from the data such that,

$$\text{profit\_percentage} = \left(\frac{\text{gross}}{\text{budget}} - 1 \right) \times 100$$

---

where 'gross' is just the total earning of the movie and 'budget' is the budget of the movie

- Clearing and Settlement

Summary