

Assignment Overview

Imagine you are employed as a data scientist at SussexBudgetProductions. The last movie produced by the company in 2016 was a comedy-action-thriller with a budget of 500K. Unfortunately, it bombed at the box office and only grossed 50K. The CEO thinks they can persuade investors to part with 1.5 million over the next year but needs to ensure a good return. Therefore, you are asked to analyse the data in IMDB^[1] and come up with an actionable plan. Your submission should contain details relating to the following two issues:

1. The exploratory data analysis you have carried out with the IMDB data.
2. Hypotheses that you have designed relating to the overall aim of this assignment and the experiments that you have carried out to test whether they are supported by the data.