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Regression Project Proposal

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OVERVIEW

The idea of the project is based on using data scraped from movies website to build linear regression models. Before that, we should make data cleaning in the first place and apply exploratory data analysis. Then we prepare the data to analyze it and display the results on a linear curve, plus design and operate the machine learning model.

GOALS

The reason for analyzing this data is to check the way the plots change for different predictor variables and the normality, linearity of the model etc.

There are also other purposes of this project proposal:

- Representing the data on a linear Regression to draw conclusions.
- Ensure that the data model matches and obtains the best outcome.
- Analyze and understand site data and make appropriate recommendations.
- To assist us to prepare a clear picture of the project early.

Project Scope

The project scope includes all the data that was pulled from the movies site, pre-determined as the scope of the project's work, in addition to all the analytical and mathematical operations and data visualization.

MILESTONES AND STEPS

- Scraped data from a website, framed the work.
- Explore the data Perform in-depth analysis.
- Collect the raw data needed to solve the problem.
- Communicate results of the research.
- Build linear regression models.