

Prediction of Amazon Best Seller Book Prices







Design

By training the data using Leaner regression models, we could predict the price of a book, based on the features of that book (author, rating, customer rated etc.)

Data

The data is scraped from of Amazon Best Seller Book and contains information about Book from 2010-2021. An individual sample is a singular book (a row in the dataframe). The dataset has 700 rows and 9 columns.

Algorithms

The methodology used in this project is: Problem understanding, data validation, data exploration, data visualization, feature engineering, training and modeling the data.

Tools

- requests and BeautifulSoup for web scraping
- pandas for data manipulation
- statsmodels and sklearn for linear regression modeling
- matplotlib. pyplot, seaborn, and stats for plotting
- Python and Jupyter Notebook

