

Regression model

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The main goal of this project is to predict all the prices of laptop on Jarir bookstore

Design:

The data provided by Jarir bookstore, it has the main information about laptop device and we web scraped the website and turn it into a data frame with the information that will help us achieve the goal then we EDA to do statistical analysis on the data then visually present them and do the regression model.

Data:

In this project we used the data from <https://www.jarir.com/> specifically laptop devices

Algorithms:

After web scraping the data we want it we transformed it into a data frame the we've done the data cleaning, also we had a categorical features so we transformed them into dummies and see if the target we want is validating the linear then we split the data to train test to see first what model we are going to use

Tools:

- Python
- Web scraping with selenium
- Pandas, matplotlib, numpy, statsmodels, sklearn

Communication:

- In addition to the slides and visuals presented, I will be sharing my work on my github account
- <https://github.com/abraralsharidi>