# EDA Analysis For Amazon

**Project Proposal**



## amazon books

**Prepared by :**

Moneera Alfulaij
Tamader AboALhassan
Afrah Almoutiri

The goal of this project is to apply Linear Regression on data scraped from the Amazon website, to predict the Rating of books based on the features.

## Data Description

Amazon is one of the Big Five companies in the U.S, it is an American multinational corporation that focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence. The company has been referred to as "one of the most influential economic and cultural forces in the world", as well as the world's most valuable brand. in this project, we will apply Linear Regression on data scraped from the Amazon website to predict the rating of the books with Certain features.

the dataset has 5 fields as follows :

- Book name: The title of the book.
- Author: Name of the writer.
- rating: the rating of the book scale from 0 to 5 .
- Customer Rated: number of customers who rated the book.
- Price: cost of the book .

## Question / need :

- What will be the rating of the book with Certain features?

## TOOLS

### Technologies


jupyter


python

### Libraries

- Numpy
- Pandas
- Pandas profiling
- Matplotlib
- Seaborn
- Sklearn
- BeautifulSoup
- patsy
- selenium