

1. Abstract

- amazon is an American multinational technology company which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence. It is one of the Big Five companies in the U.S. information technology industry, along with Alphabet (Google), Apple, Meta (Facebook), and Microsoft.[6][7][8][9] 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 I plan to understand more about amazon product reviews , does the reviews being affected by price , or by manufacture

2. Design :

- Are people satisfied with amazon products ?
- Does the product price affect the number of ratings ?
- Does the manufacture has impact on the product reviews ?

3. Data

- I am using a Kaggle dataset which was created by our in-house Web Scraping and Data Mining teams at PromptCloud and DataStock
- dataset link <https://www.kaggle.com/promptcloud/amazon-product-listing>
- dataset shape [30000 rows - 25 columns]

4. Algorithms :

1. Problem understanding
2. Data collection
3. Data Cleaning
4. Explore data
5. Findings and insights

6. Tools

7. Technologies
 1. Python
 2. Jupyter Notebook

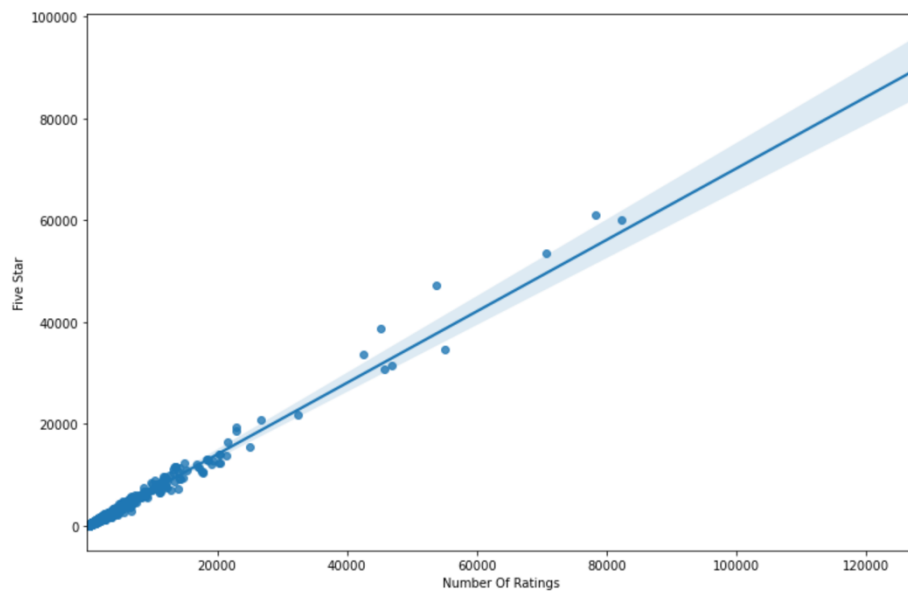
8. Libraries

1. NumPy
2. Pandas
3. Matplotlib

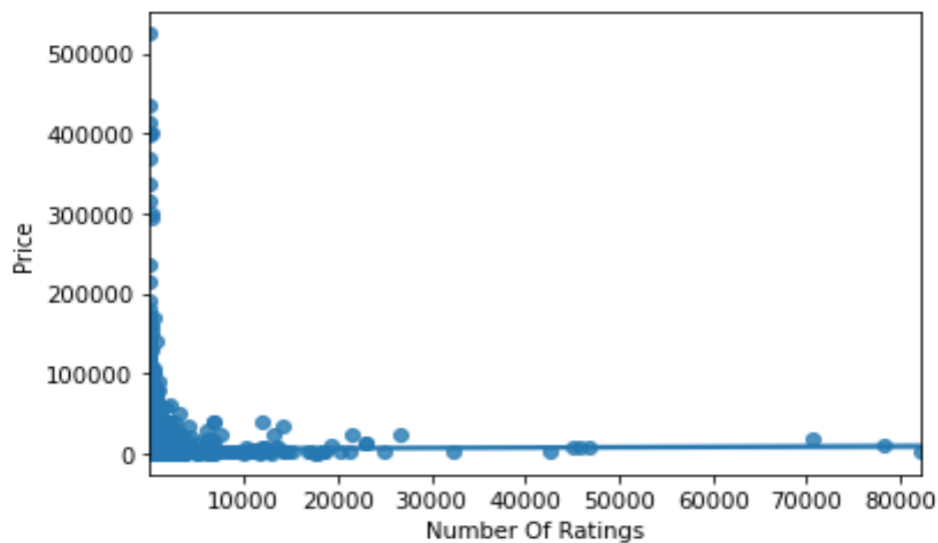
6. Communication

- most of the ratings is 5 star , so the customers are satisfied about the products

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<AxesSubplot:xlabel='Number Of Ratings', ylabel='Five Star'>
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- There is no relation between product price and number of ratings



- Good ratings is no related to manufacture

