**Sakshi Jain**

# Data Science Engineer

[*Implemented genetic algorithm examples in Python*](https://github.com/shithead999/genetic_algorithm)

Learned Python Basics, Python Data Structure

Worked with fetching data and preprocessing Worked with simple APIs and Numpy

## PROFESSIONAL EXPERIENCE

**Machine Learning Trainee**

*Internshala*

November 2022 – January 2023 Worked on•  **Linear regression and Logistic regression models**

Learned about Dimensionality reduction•

Learned about•  **Decision Tree and Clustering genetic algorithm** and visualized using **python tkinter.**

Created smart rockets simulation using • **genetic algorithm** which evolves perfect solution after atmost **10 generations**

[**Movie Recommendation System**](https://bit.ly/3VdGEIX)

[*Recommends movies based on the trained dataset*](https://bit.ly/3VdGEIX) Trained on Kaggle Dataset containing • **5000** movies data

Used•  **NLP** (using NLTK) to train the dataset The recommendation was based on features like•  **title, genre, keywords,** etc. Deployed on Streamlit•

[**Sentimental Analysis**](https://www.kaggle.com/code/sakshijain27/sentimental-analysis-on-amazon-food-reviews)

[*Sentimental Analysis on amazon food reviews*](https://www.kaggle.com/code/sakshijain27/sentimental-analysis-on-amazon-food-reviews) Perform•  **sentiment analysis** on amazon food reviews based on Kaggle dataset

Used • **NLTK** to train the data

Analyze • **~500,000** food reviews from Amazon