Manomay Jamble

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# Education

Vishwakarma Institute of Technology, Pune

B.Tech. Artiﬁcial Intelligence and Data Science (2020-24) CGPA - 8.93/10

# Skills

Programming: Python, Java, C/C++, SQL

Libraries: Numpy, Pandas, Scikit-Learn, Matplotlib, Tensorﬂow, Keras Softwares: Git, Github, Jupyter Notebook, Tableau

Databases: PostgreSQL, MySQL

Technologies: Data Science, Machine Learning, Neural Networks, Statistics, Analytics, Web Scraping

# Projects

Sentiment Analysis of Course Reviews [Github](https://github.com/Manomay15/Suggesting-Best-Courses-using-Sentiment-Analysis)

* **Deployed a website** that is used to give ratings to courses on the basis of its comments/reviews.
* Used **web scraping** to extract up to 100 comments from a URL.
* Trained an ML model using **Count Vectorizer followed by Random Forest.**
* Achieved an **accuracy of 93%** on test data.
* **Gave a summarized rating** of a particular course after calculating the number of positive, negative, and neutral comments on it.

Pizza Yes Pizza No [Github](https://github.com/Manomay15/Pizza-Yes-Pizza-No) [Demo](https://manomay15-pizza-yes-pizza-no-app-ymx8qb.streamlitapp.com/)

* Deployed an application to **classify food images into pizza or not pizza.**
* Explored **3 custom neural network architectures** and ﬁnally used **Transfer Learning.**
* Achieved a **highest validation accuracy of 95%.** using a pre-trained **InceptionV3 architecture**.
* Also tried **Resnet50** which gave a **validation accuracy of 66%.**
* Deployed it using **Streamlit cloud.**

Used Car Price Predictor [Github](https://github.com/Manomay15/Used-Car-Price-Predictor) [Demo](https://predict-used-car-prices1.herokuapp.com/)

* Made an application which **predicts an approximate price to sell your used car**.
* Performed various **data cleaning & preprocessing** steps.
* Performed **feature selection** to get 10 features to predict the price using **Linear Regression**.
* **Highest accuracy achieved was 97%**.
* Explored diﬀerent models using **Gradient Boosting Regressor and Neural Networks.**
* Deployed it using **Flask & Heroku.**

# Work Experience

[Kindlife](http://kindlife.in/)

Software Intern JUN 2022 - SEP 2022

* Worked on their website and **solved minute bugs**.
* **Skills used - PHP, JQuery, Javascript**