

Education

- **MSc Applied Statistics Pursuing** (2021-2023)
North Maharashtra University, Jalgaon
CGPA: 8.91
(**Key Courses:** Python, R, Data Mining, Sampling, Descriptive Statistics, Stochastic, Inference, Regression, Time Series, Actuarial Statistics)
- **BSc Actuarial Science** (2018-2021)
North Maharashtra University, Jalgaon
CGPA: 9.02

Skills Summary

Skills: Machine Learning, Python, Statistics, SQL, R language, Tableau, Git, NLP, Introduction to Neural Network.

Frameworks: Scikit, NLTK, TensorFlow, Keras,
Tools/IDE: PyCharm, VScode, Jupyter Notebook, Google Colab

Machine Learning Techniques: Linear Regression, Logistic Regression, Decision Tree, Support Vector Machine, Naive Bayes, Unsupervised Learning, Ensemble Technique, Hyperparameter Tuning, Data Collection, Data Cleaning, Data Preprocessing, Model Training.

Projects

Predicting Bike Sharing Demand (Multiple Linear Regression Analysis)

Conducted data analysis on a bike-sharing dataset to predict demand for shared bikes in the American market, helping to understand the demand dynamics of a new market.

- Conducted exploratory data analysis, data cleaning, and feature engineering to prepare the dataset for modeling.
- Built a multiple linear regression model to predict the demand for shared bikes using available independent variables, achieving an R-squared value of 0.85.
- Provided recommendations to the management on how to manipulate the business strategy to meet the demand levels.

Crypto Sentiment Analysis (NLP) Objective: Identify trends and insights in crypto sentiment on basis of daily news Using web scrapping.

- Scrapped data from Money control website.
 - Preprocessed data (Tokenization, stemming, POS tagging).
 - Used TextBlob pretrained NLP Algorithm to find polarity of news.
 - Tools and Technologies: Python, BeautifulSoup, Scrapy, NLP libraries.
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Experience

- **Machine Learning Intern at Pantech Solution** May 2022 Worked on projects for Machine Learning and doing tasks like:- Data Preprocessing, Model training, Model Selection, Prediction, Validation, Execution and Deployment for more than 10 Projects like, Breast Cancer Detection, Digit Recognition, Restaurants Analysis.
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Achievements

- Secure AIR 389 in IIT JAM Mathematical Statistics 2021.
 - Five-star Rating In Python at Hacker Rank.
 - Badminton Intercollegiate final Winner and After Zonals got select for All India University matches
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