



## CHETAN SALUNKE

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### Objective

Highly numerate and team oriented problem solver with Masters degree in Statistics. Seeking for the position in the field of Data Science with , offering expert statistical modeling techniques and advanced computer skills.

### 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 the company 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.
  - recommendations to the management on how to manipulate the business strategy to meet the demand levels.
  - Tools used: Python, Pandas, Numpy, Matplotlib, Seaborn, Sklearn, Scipy.
- **Crypto Sentiment Analysis.(NLP)**
  - Objective: Identify trends and insights in crypto sentiment on basis of daily news
  - Using web scrapping.
  - Scrapping data from Money control website. Preprocessing(Tokenization, stemming, POS tagging.) Used TextBlob pretrained NLP Algorithm to find polarity of news.
  - Tools and Technologies: Python, BeautifulSoup, Scrapy, NLP libraries

### Experience

- **Pantech Solution** May 2022  
Machine Learning Intern  
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.

### Education

- **North Maharashtra University Jalgaon.** 2021-2023  
MSc Applied Statistics Pursuing.  
**8.91 CGPA (First Year)**
- **North Maharashtra University Jalgaon.** 2018-2021  
BSc Actuarial Science.  
**9.02 CGPA**

### Skills

- Machine Learning (Linear Regression, Logistic Regression Decision Tree, Naive Bayes, Unsupervised Learning, Ensemble Techniques, Data Cleaning, Data Preprocessing, model Training)
- Statistics And Mathematics
- Python(Numpy, Pandas, Matplotlib, Scipy, Seaborn.)
- R language
- SQL(basic)
- good communication
- problem solving
- Leadership

### Achievements

- Secure AIR 389 in IIT JAM Mathematical Statistics 2021.

- Five star In Python on Hacker Rank.
- Rank 2 Upto 3rd Sem Of MSc statistics

### Tools/Framework

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- Pycharm, VS code, Jupyter Notebook, R-Studio, Google Colab.
- Scikitlearn, NLTK.

### Certification

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- Python Programming From Basic To Advanced.
- Data Science Real-World Case Studies - Hands On Python.
- Python- Introduction to Machine Learning and Data Science A-Z.

### Courses Undertaken

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- Discriptive And Inferential Statistics
- Sampling
- Design Of Experiments
- Multivariate Analysis
- Regression Analysis

### Extra Curricular Activities

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- Badminton Intercollegiate Final Winner Men team Leader.And got selected in Badminton team for All India Inter University Badminton matches.
- Taken Incharge of Library Assistant
- Student Placement cell coordinator
- Attempt Krishna Consciousness Camps