Chetan Salunke

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EDUCATION

- **MSc Statistics Pursuing** (2021-2023) North Maharashtra University, Jalgaon **CGPA: 8.91**
  (**Key courses:** Python, R, Data Mining, Sampling, Descriptive Statistics, Inference, Regression, Time Series, SAS, **Acuarial Statistics**, **Financial Mathematics**.)

- **BSc Actuarial Science** (2018-2021) North Maharashtra University, Jalgaon **CGPA: 9.02**

PROJECTS AND SEMINAR

- **Predicting Bike Sharing Demand (Multiple Linear Regression Analysis)**
  - 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.
  - **Tools:** python, Numpy, Pandas, Matplotlib, Scipy, Seaborn, Sklearn.

- **Statistical Analysis and Classification of Disease Plant(Random Forest and CNN)**
  - Find out which factors are most influential for cotton yield and apply Random Forest to Predict the cotton yield with test MSE= 5.698 . Classification of Disease plant using CNN model with test Accuracy= 0.94 **Tools:** Python, R, Power BI, Excel.

- **Seminar**
  - **Topic:** Introduction to Neural Network (**Deep Learning**)

SKILL SUMMARY

  - **Technical Skills:** Machine Learning, Python, Statistics, SQL, R language Neural Network(Basic), **Tableau(Basic)**, **Excel**, **Macros** and **VBA**.
  - **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, Risk Analysis.
  - **Extra Skills:**Technical problem-solving, Team Work Collaboration , New technology adaptive, Competitive analysis, Market trends Analysis, Communication.

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.

ACHIEVEMENTS

- Secure **AIR 389 in IIT JAM** Mathematical Statistics 2021.
- Five-star Rating In Python at Hacker Rank.
- 3 Star Rating In SQL at Hacker Rank