Sachin Ghogare

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Objective

Analytically-driven statistics graduate seeking an entry-level position in the IT industry. Leveraging my strong quantitative background, proficiency in statistical modeling and data analysis, and programming skills to contribute to data-driven decision-making and business intelligence.

Education

- **Kavayitri Bahinabai Chaudhary North Maharashtra University, Jalgaon** — Jalgaon, Maharashtra
  Masters in Applied Statistics — *Oct 2021 - Jun 2023*
  Courses: Regression Analysis, Sampling Theory, Parametric Inferance, Linear Algebra, R Software, Distribution Theory, Multivariate Analysis, Python, Design of Experiment, Actuarial Statistics, Data Mining, Time series Analysis.
- **Ahmednagar College, Ahmednagar** — Ahmednagar, Maharashtra
  Bachelor of Statistics — *Jul 2018 - Jul 2021*
- **R.B.N.B. College, Shrirampur** — Shrirampur
  H.S.C. — *Jul 2016 - Feb 2018*

Skills Summary

- **SKILLS :** Machine Learning, Excel, Python, R language, SAS, SQL, Power BI, Statistics, Git, NLP, Deep Learning.
- **Tools/IDE :** Jupyter Notebook, VScode, PyCharm.
- **Frameworks :** NLTK, Spacy, Scikit, TensorFlow, Keras.
- **Machine Learning :** Linear Regression, Logistic Regression, Naive Bayes, K Nearest Neighbour, Linear Discriminant Analysis, Quadratic Discriminant Analysis, Decision Tree, Maximal Margin Classifier, Support Vector Classifier, Support Vector Machine, Random Forest, Bagging, Boosting, Xgboost, adaboost, Unsupervised Learning, Hyper parameter Tuning, Data Collection, Data cleaning, Data Preprocessing, Feature Scaling, Feature selection, Model Fitting.

Projects

- **Olympic Data Analysis**: The objective of this project is to draw inference about the olympic data and to create a menu-driven so that user can easily get the information about olympic data. Tool used : Pandas, NumPy, matplotlib, seaborn, python, PyCharm.
- **Statistical case studies using machine learning algorithms**: Conducted analysis on health, finance, and educational datasets using KNN, Random Forest, SVM, Decision Tree, Logistic Regression, and Multiple Linear Regression algorithms. Implemented in Python, with data manipulation and visualization in Excel. Gained expertise in data analysis, algorithm selection, and deriving insights from real-world data.

Seminar

- **Sentiment Analysis**: Seminar on Sentiment analysis in MSc 2^{nd} year(Data Preprocessing Techniques, TextBlob, VADER, Polarity).

Certificates

- **Machine Learning-From Basics to Advanced**: Dec 2022
- **Data Science: Python for Data Analysis 2022 Full Bootcamp**: Sep 2022
- **Learn MySQL-For Beginners**: Oct 2022
- **Excel VBA-Make Your Excel Look Like a Standalone Program**: July 2022

Honors and Awards

- Secured 2^{nd} rank in Madhava Mathematics competition in S.Y.BSc
- 1^{st} winner of Physics exhibition in BSc.