

SURAJ JAGTAP

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EDUCATION

- **Masters in Applied Statistics with Data Science**
- **MIT ADT University Pune CGPA: 7.7/10, Jun 2024**
- **B.Sc. in Statistics**
- **Tuljaram Chaturchand College of Arts Science & Commerce, Baramati CGPA: 7.62/10, Jun 2022**
- **HSC (12th)**
- **Abhinav International School and Jr. College Baramati 56.60%, Jun 2019**
- **SSC (10th)**
- **Vastigruh Vidyalaya Karhati, Baramati 82.80%, Jun 2017**

EXPERIENCE

Intern In Let's grow more,

Data Science Intern • Jun 2023 -Jul 2023

Key Skills: Machine Learning, Deep Learning, Time Series

- Developed machine learning models for Iris Flowers Classification with 95% accuracy and Stock Market Prediction using Stacked LSTM and Decision Tree algorithms.
- Enhanced programming and data analysis capabilities through image processing projects, achieving 93% accuracy in converting images to pencil sketches.

Bharat Intern,

Data Science Intern • Jun 2023 - Jul 2023

Key Skills: LSTM, Regression, Exploratory Data Analysis

- Executed comprehensive projects, including stock prediction and Titanic classification, providing insights that improved prediction accuracy by 20%.
- Utilized Python, R, and Tableau to conduct exploratory data analysis and develop regression models, achieving an accuracy rate of 84%, which led to a 15% increase in model performance.

SKILLS

- | | | |
|-----------------|-----------------------|-------------------------------|
| • Python | • Data Cleaning | • Statistical Analysis |
| • R Programming | • Data Visualization | • Time Series Analysis |
| • SQL | • Data Management | • Deep Learning |
| • Power BI | • Big Data Analysis | • Natural Language Processing |
| • Tableau | • Machine Learning | • Sentiment Analysis |
| • MS Excel | • Regression Analysis | |

PROJECTS

Time Series and Machine learning Approach for Weather Forecasting

Jul 2023 - Dec 2023

Key Skills: EDA, ARIMA, SARIMA, Exponential Smoothing, Time Series.

Project Link: [GitHub - Suraj149696/Time-Series-and-Machine-learning-Approach-for-Weather-Forecasting](https://github.com/Suraj149696/Time-Series-and-Machine-learning-Approach-for-Weather-Forecasting)

- Analyzed seasonal patterns in weather data, identifying maximum temperature peaks in April and May and minimum temperatures in December and January.
- Developed and evaluated SARIMA, Exponential Smoothing, and ARIMA models, determining Exponential Smoothing as the most effective with 94.4% accuracy.

A Comprehensive Study of Capgemini Employee Reviews

Jan2024 – jun2024

Key Skills: NLP, LSTM, Sentiment Analysis, Deep Learning.

Project Link: [GitHub - Suraj149696/A-Comprehensive-Study-of-Capgemini-Employee-Reviews](https://github.com/Suraj149696/A-Comprehensive-Study-of-Capgemini-Employee-Reviews)

- Conducted a detailed analysis of Capgemini employee reviews, identifying key factors influencing satisfaction and developing an accurate (80.36%) LSTM-based sentiment classification model.
- Designed and implemented a recommendation system to improve organizational practices through employee suggestions, using advanced NLP techniques for keyword extraction.

CERTIFICATIONS

- Python for Data Science - Great Learning
- Data Visualization Using Tableau - Great Learning
- Data Visualization Using Power BI - Great Learning
- Data Science and Machine Learning – Udemy

TRAINING / WORKSHOP

- Tableau Software Training Program - T.C. College Baramati
- MySQL for Data Science - MIT ADT School of Engineering

INTREST/ HOBBIES

- Learning New Programming Languages
- Trading
- Swimming

LANGUAGE

- English
- Hindi
- Marathi

ADDITIONAL ACTIVITIES

- Organized and actively participated in the Techno-Stat Project Competition during Persona Fest 2024 at MIT-ADT University, Pune.