

TEJASH MISHRA

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Kolkata

[LinkedIn](#)

*Dynamic Data Science student with a strong foundation in machine learning, data analytics, and an appetite for solving problems.
Excellent [track record](#) in ensuring data quality, integrity, and accuracy when providing data-driven insights.*

SKILLS

- **Languages:** Python (Pandas, NumPy, scikit-learn), R, SQL, Java
- **Analysis Techniques:** Predictive Modeling, Causal Inference, Random Forests, Forecasting, Hypothesis Testing, A/B Testing
- **Tools:** Git, AWS, Tableau, Power BI, RStudio, VSCode, Excel

PROFESSIONAL EXPERIENCE

Time Series Analysis: Stock Price Prediction with ARIMA

Kolkata, India

Data Science

February 2024

- Tackled the complex task of predicting stock prices in the financial market using the ARIMA model.
- Developed a robust Stock Price Prediction model using ARIMA, implementing advanced time series analysis techniques to handle trends, seasonality, and ensure stationarity.
- Applied key features like trend and seasonality removal, ACF and PACF analysis, and stationarity checks using the Dickey-Fuller test.
- Utilized data transformation techniques, including log stabilization and differencing, to enhance model performance.
- Conducted thorough ACF and PACF analyses to derive optimal parameters for training the ARIMA model, resulting in accurate stock price predictions.

House Price Prediction

Kolkata, India

Data Science

December 2023

- Addressed the challenge of predicting the house price in real state using Linear Regression algorithm.
- Developed a model that provides accurate house price predictions, aiding buyers, sellers, and real estate professionals in making informed decisions.
- Enhanced transparency and trust in the model through rigorous Exploratory Data Analysis (EDA) and feature engineering.
- Applied Python libraries for efficient data preprocessing, statistical analysis, and visualization, showcasing strong data science skills and algorithm proficiency..

Image Recognition

Kolkata, India

Data Science

October 2023

- Investigated the field of Image Recognition, aiming to accurately identify and classify objects within images.
- Developed a model capable of accurately identifying and classifying objects within images..
- Achieved high accuracy in image classification through model optimization and extensive training on diverse datasets.
- This project showcases a keen understanding of deep learning, image processing, and the practical application of computer vision in real-world scenarios.

LEADERSHIP EXPERIENCE

Class Representative, Techno India University

Kolkata, India

Data Science

- Led **25 students** to successfully understand and apply supervised and unsupervised machine learning techniques with real world data.

EDUCATION

Techno India University

Kolkata, India

Bachelor of Science in Data Science, CGPA: 9.12

- Relevant Coursework: Machine Learning, Probability & Discrete Mathematics, Linear Algebra, Time series Analysis, A/B Testing
- Certifications:** Google Data Analytics, BCG Data science & Analytics Virtual Experience