

Maaz Ahmed Khan

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Education

JSPM's Rajarshi Shahu College of Engineering , Bachelor of Engineering in Electrical Engineering june 2021 – May 2025

- **Coursework:**Data Science ,Data Analysis,Machine Learning, Circuit Analysis, Control Systems.

Experience

Data Science Intern,AI variant, Pune June 2024 – Dec 2024

- Delivered projects involving EDA, machine learning, and KPI-driven analytics .
- Successfully implemented machine learning models, improving prediction accuracy by 92% in academic projects.
- Conducted predictive analysis on datasets, increasing accuracy by implementing advanced techniques like ensemble learning.
- Built a pipeline to preprocess, train, and evaluate machine learning models for time-series forecasting and classification tasks.
- Applied hyperparameter tuning (Grid/Random Search), improving model accuracy by 20%.
- Deployed ML models with Streamlit/Flask for seamless user interaction.
- Created dashboards using Tableau/Power BI to present key insights.
- Implemented NLP techniques (TF-IDF, Word2Vec) for actionable text analysis insights.
- Collaborated with cross-functional teams to ensure data solutions aligned with business needs.

Projects

Stock Market Price Prediction github.com/wtfmaaz/stock-market

- Built an application using Linear Regression, LSTM, and ARIMA for stock price forecasting.
- Implemented data preprocessing techniques like handling missing values, scaling features, and feature engineering to improve model performance.
- Deployed using Streamlit/Flask for real-time predictions and visualizations.

Liver Disease Classification github.com/wtfmaaz/liver-disease

- Developed models using Random Forest, SVM, and Logistic Regression to predict liver diseases.
- Integrated the app with Streamlit, allowing for an interactive and user-friendly interface for disease prediction based on input data.
- Deployed a web app with Streamlit, enabling non-technical user interaction.

Fake News Detection github.com/wtfmaaz/Fake-News-Detection-Project

- Developed a **machine learning pipeline** to classify news articles as fake or genuine.
- Deployed the application using **Streamlit** for real-time usability.

Skills

Languages: Python,R,SQL,C++

Technologies: Programming Languages ,Data Analysis & Manipulation ,Machine Learning & AI ,Data Visualization,Databases ,Natural Language Processing,Deep Learning ,Model Deployment ,Version Control .

Tools:Pandas, NumPy, Scikit-learn, TensorFlow, Tableau, Power BI, Streamlit, Flask