AAYUSH TRIPATHI

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Portfolio | LinkedIn | GitHub

EDUCATION

Bennett University, Greater Noida | CGPA: 7.5 Sept 2022-Jul 2026
B.Tech. in Computer Science and Engineering

EXPERIENCE

EDF-IN – Data Analyst Intern | Delhi, India Jun 2024-Jul 2024

- Cleaned and processed 1.6 million+ customer records using Python and SQL, reducing data errors by 95% through validation and deduplication techniques.
- Performed exploratory data analysis and built Power BI dashboards to generate actionable insights for business reporting.
- Used SSMS and SQL queries to extract, transform, and analyze structured data for operational decision-making.

SKILLS

Programming Languages: Python, SQL
Databases: MySQL, SQL Server (SSMS), PostgreSQL
Data Visualization & Tools: Power BI, Tableau, MS Excel, Power Query
Python Libraries: Pandas, NumPy, Scikit-learn, Matplotlib
Data Analytics: Data Cleaning, EDA, Statistical Analysis, Dashboarding
Machine Learning & AI: Machine Learning, Deep Learning, Time Series Analysis, Jupyter Notebook

PROJECTS

Marketing Campaign ROI Analysis | Python | Data Analytics | SQL | Tableau

- Analyzed marketing campaign data using Python and statistical techniques, performed data preprocessing and ROI calculations, and generated actionable insights that improved campaign performance evaluation and decision-making efficiency.

StockVision | Python | ARIMA | LSTM | Time Series Analysis

- Developed a stock price forecasting system using ARIMA and LSTM, boosting accuracy by 20% over baseline models. Enhanced data reliability with automated preprocessing and achieved RMSE and MAE reductions of 18% and 22% respectively, showcasing the strength of deep learning in financial forecasting.

PulsePro | Power BI | Power Query

- An advanced Power BI project that transformed HR data into actionable insights, improving workforce planning and talent optimization. Achieved a 25% reduction in employee turnover analysis time and enhanced decision-making efficiency, driving measurable organizational impact.

Flight Price Prediction | Python | Random Forest

- Developed and evaluated a Random Forest model for flight fare prediction, conducted feature engineering and preprocessing, and achieved 85%+ prediction accuracy while delivering real-time analytical insights.

ACHIEVEMENT AND CERTIFICATIONS

Chairperson | Data Science Society | Bennett University

- Google Data Analytics Capstone: Complete a Case Study by Google
- Exploratory Data Analysis for Machine Learning by IBM
- Unsupervised Machine Learning by IBM
- Supervised Machine Learning: Classification by IBM
- Supervised Machine Learning: Regression by IBM