Peeyush Choudhary

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Professional Summary

Driven and analytical Data Science enthusiast pursuing a B.E. in Artificial Intelligence & Data Science. Skilled in Python, Machine Learning, and Data Visualization with hands-on project experience. Passionate about developing intelligent, data-driven solutions that drive real-world impact. Eager to contribute to a dynamic organization while growing as a data science innovator.

Education

Don Bosco Institute of Technology, Bangalore — VTU University
Bachelor of Engineering in Artificial Intelligence & Data Science | CGPA: 7.2 | 2022 – 2026

Technical Skills

- **Programming**: Python, HTML, CSS
- **Libraries & Frameworks**: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Flask, FastAPI
- **Databases**: MySQL, MongoDB
- **Visualization Tools**: Power BI
- **Version Control**: Git, GitHub
- **Other Tools**: VS Code, Linux CLI, Cursur.ai

Projects

Court Case Prioritization | IBM Z Datathon (Oct 2025) ([Github : Repo](#))
- Developed a Gradient Descent Classifier to prioritize court cases based on importance, achieving 96%accuracy.
- Integrated model with a Streamlit-based dashboard for CSV/Excel input and real-time prioritization.
- Implemented data preprocessing, encoding, and evaluation for high model efficiency.

Twitter Sentiment Analysis (Oct 2025) ([Github : Repo](#))
- Preprocessed and vectorized tweet data for better relation detection and classification accuracy.
- Built a Logistic Regression model achieving 77% accuracy for positive/negative sentiment detection.
- Enhanced feature engineering and used metrics for model evaluation and improvement.

Certifications

- **Google Cloud** – Build Real World AI Applications with Gemini and Imagen (Mar 2025)
- **Infosys Springboard** – Data Visualization Essentials (Mar 2025)
- **Great Learning** – Prompt Engineering Basics (Mar 2025)
- **Udemy** – Basic to Advanced Mathematics for Data Science (Sep 2025)

Hackathons & Achievements

- **Team Leader** – IBM Z Datathon 2025 (Court Case Prioritization Project)
- **Participant** – DataQuest Hackathon, IIT Kharagpur (Apr 2025)
- Secured **5th Position** in Error 404 Coding Event (May 2025)