Ankitesh Tiwari

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Summary

Entry-level Data Scientist and Machine Learning Engineer with hands-on experience in Python, SQL, machine learning, deep learning, NLP, statistical analysis, and feature engineering, focused on EDA, ML model development, evaluation, and real-world data-driven solutions.

Education

B. Tech in Artificial Intelligence & Machine Learning
Sagar Institute of Research and Technology (SIRT), Bhopal
Aug 2023 – Aug 2027 | CGPA: 6.59 / 10

Senior Secondary (12th) – Mathematics
BBS Memorial H.S. School, Rewa
2022 – 2023 | 80%

Experience

LegalTech Advisor (Hybrid) - CaseFox
Mar 2025 – Aug 2025
Supported AI-enabled legal-tech workflows through data analysis, requirement analysis, and product research, contributing to data-driven insights, client onboarding optimization, and AI feature evaluation.

Data Science Team Member
Google Developer Group (GDG), Bhopal
Nov 2024 – Nov 2025
Worked on applied data science and ML projects, performing EDA, feature engineering, model training, and evaluation, while collaborating on experimentation and data-driven decision-making.

Projects

Federated MobileNetV2 for Brain Tumor Classification
- Developed a federated deep learning model for MRI-based brain tumor classification using MobileNetV2 on non-IID datasets.
- Performed data preprocessing, feature engineering, model training, hyperparameter tuning, and evaluation, achieving 99.57% accuracy using ensemble methods (MLP, SVM, ELM).

AI-Based Roadmap and Carrer Advisor Platform
- Implemented an AI-based career advisory system leveraging feature vectors, cosine similarity, and rule-based logic to deliver personalized career recommendations and learning roadmaps.

Technical Skills

Programming: Python, SQL
Data Analysis: EDA, Feature Engineering, Statistical Analysis, Data Visualization
Machine Learning: Supervised & Unsupervised Learning, Model Evaluation, Hyperparameter Tuning
Deep Learning: Neural Networks, CNNs
Libraries & Tools: NumPy, Pandas, Scikit-learn, PyTorch, TensorFlow, Matplotlib, Seaborn
Databases & Systems: SQLite, Linux (Basic), Git

Certifications

- Complete Data Science, Machine Learning, Deep Learning, and NLP Bootcamp – Udemy
- Data Analysis with Python – freeCodeCamp
- Python (Basic) – HackerRank