Kartik Dwivedi

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PROFILE

Results-driven Data Science enthusiast with expertise in Python, Flask, data preprocessing, and database management and collaboration skills. Strong foundation in Data Structures & Algorithms (DSA) with experience in building AI-driven applications and predictive models.

EDUCATION

Noida Institute of Engineering and Technology *Gr. Noida, India*

Bachelor of Technology in Computer Science and Engineering (Data Science) 2022 – 2026

- Relevant coursework: Machine Learning, Deep Learning, Data Structures & Algorithms, Database Management System(DBMS), etc

SKILLS

Technical: SQL, Python, Statistics, ETL, Data Visualization, AI Automation, Machine Learning, NLP, Deep Learning

Tools: Tableau, Power BI, Excel, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Flask, Git, TensorFlow, OpenCV

CERTIFICATIONS

- Python Project for Data Science – Feb'24 *(Certificate link)*
- Python for Data Science, AI &Development – May'23 *(Certificate link)*

EXPERIENCE

YBI Foundation *Virtual*

Data Science and Machine Learning Intern July,2023– August,2023

- Built sales and mileage prediction models with 85%+ accuracy, improving forecast reliability for business decisions.
- Conducted exploratory data analysis (EDA) and feature engineering, optimizing model performance and improving insights for data-driven decision-making.

PROJECTS

Brain Tumour Detection March,2025

- Developed a deep learning model to classify brain tumours from MRI images using Convolutional Neural Networks (CNNs).
- Processed 5,000+ MRI images, applying OpenCV for image preprocessing and data augmentation to enhance model performance.
- Achieved 94% classification accuracy, aiding in early detection and potential medical diagnosis.

Sales Dashboard using Tableau February,2025

- Designed an interactive Tableau dashboard to visualize sales trends, customer behaviour, and revenue insights.
- Enhanced data-driven decision-making by visualizing trends across 5+ KPIs (Key Performance Indicators).
- Reduced manual reporting time by 40% through automated data visualization.

ACHIEVEMENTS

- Demonstrated adaptability and teamwork by participating in a hackathon conducted by GeeksforGeeks, developing a disease prediction website under tight deadlines.
- Enhanced problem-solving and critical thinking skills through competitive coding on platforms like LeetCode & GFG.