AKASH CHACHERE

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PROFILE

Aspiring Data Scientist with a solid foundation in Artificial Intelligence, Data Science, and Statistics. Skilled in data analysis, machine learning, NLP (Natural Language Processing), and predictive modelling. Proficient in Python, SQL, and data visualization tools, with hands-on experience in leveraging data analytics to solve real-world problems.

TECHNICAL SKILLS

Programming Languages: - Python, Java, C++

Data Analysis & Statistics: - Statistical Analysis**,** Pandas, NumPy, Matplotlib, Power BI.

Machine Learning: - TensorFlow, NLP, OpenCV, YOLO

Database Management: **-** SQL, MongoDB

Development Tools: - Git, Jupyter Notebook, Google Colab

Soft Skills: **-** Communication, Teamwork, Collaboration, Problem-solving

PROJECTS

Traffic Accident Analysis and Visualization   *Dec 2024*
- Cleaned and analysed traffic accident data to identify high-risk areas, time frames, and contributing factors (e.g., weather or road conditions).
- Visualized trends in accident frequency, identifying peak accident times and locations to inform safety measures.

Real-Time Stock Analysis Tool   *Jan 2024*
- Built a Python application to process and analyse real-time stock data from multiple sources.
- Used Pandas and NumPy for data manipulation and trend analysis, while Power BI dashboards visualized stock performance and actionable insights.

Real-Time Object Detection System   *March 2023*
- Developed a deep learning model using TensorFlow for real-time object detection.
- Applied Convolutional Neural Networks (CNNs) to accurately identify and classify objects from large datasets.
- Optimized the model for performance in real-time applications.

INTERNSHIP

Data Science Intern, Remark Skill Education.   *Jan 2023-March 2023*
- Optimized data pipelines for improved efficiency in data analysis processes.
- Assisted in data cleaning, visualization, and statistical analysis using Pandas and Power BI.
- Implemented machine learning algorithms for predictive analysis and model evaluation.

EDUCATION

Wainganga College Of Engineering and Management.   *Jul 2021-Jun 2024*
Bachelor of Technology in Artificial Intelligence and Data Science

Shri Datta Meghe Polytechnic Nagpur.   *Jul 2021-Jun 2024*
Diploma in Computer Technology

CERTIFICATES

- Data Science Using Python
- SQL
- C++ Programming