

AKSHARA S

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PROFESSIONAL SUMMARY

Data Science Professional with hands-on experience in machine learning, deep learning, NLP, and recommendation systems. Strong analytical and problem-solving skills, proficient in Python, SQL, and TensorFlow. Skilled in data preprocessing, feature engineering, and deploying models. Passionate about leveraging AI/ML to enhance decision-making and optimize business performance. Adept at working in cross-functional teams and communicating insights to non-technical stakeholders.

SKILLS

Programming & ML: Python, SQL, R, Scikit-Learn, TensorFlow, Keras, ML Algorithms, Deep Learning, NLP, Computer Vision

Data Handling & Analysis: Pandas, NumPy, Data Cleaning, Feature Engineering, EDA, Statistical Analysis, Model Evaluation

Visualization & Reporting: Matplotlib, Seaborn, Power BI, Excel, Tableau, Dashboarding, Data Storytelling

Tools & Platforms: Jupyter, Git, GitHub, MySQL, AWS, Google Cloud, Streamlit, OpenCV, Data Structures

WORK EXPERIENCE

Data Science Intern | InGrade

Mar 2025 - Present

- Conducting EDA, building ML models, and comparing different frameworks for analysis.
- Researching and writing articles on AI, data science, and analytics trends.
- Developing interactive dashboards and comprehensive tool comparison guides.

Data Science Intern | Luminar Technolab

May 2024 - Nov 2024

- Processed data from 5+ sources, ensuring accuracy and cleaning 10K+ data points.
- Conducted EDA on 1M+ records, identifying trends and creating 15+ visualizations.
- Assisted in training 5+ ML models, improving efficiency by 20% through tuning.
- Documented workflows for reproducibility and prepared 10+ key reports.

PROJECTS

MBTI Personality Prediction

- Developed an MBTI Personality Prediction Model using Logistic Regression.
- Processed 100,000+ social media posts with stopword removal, tokenization, and TF-IDF vectorization.
- Trained using Python and scikit-learn, achieving 81.8% test accuracy.
- Demonstrated NLP's application in personality prediction.

OLX Car Price Prediction System

- Developed a car price prediction model using 9,000+ listings with multiple ML algorithms.
- Preprocessed data with Label Encoding and outlier removal for better accuracy.
- Tuned hyperparameters and evaluated models to optimize performance.
- Built a recommendation system for deployment using Google Colab and VS Code.

EDUCATION

Bachelors in Computer Application (BCA)

Jan 2021 - Mar 2025

Indira Gandhi National Open University (IGNOU)