


ADWAITA AI

DATA SCIENTIST

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PROFILE

Highly motivated and detail-oriented Data Scientist with a B.Tech in Computer Science Engineering from KTU, skilled in data analysis, machine learning, statistical modeling, and deep learning. Proficient in Python, SQL, and Power BI, with hands-on experience in data cleaning, wrangling, predictive modeling, and AI solutions. Passionate about turning complex data into meaningful insights that drive innovation, improve business strategies, and solve real-world problems.

EDUCATION

- B.Tech in Computer Science and Engineering 2020-2024

EXPERIENCE

DataScience Intern at Luminar Technolab,Kochi

- Gaining hands-on experience in Data Science, AI, ML, and Power BI, working on real-world datasets, implementing predictive models, and creating insightful visualizations.
- Developing proficiency in Python, TensorFlow, scikit-learn, and Power BI, while applying advanced data analytics techniques, feature engineering, and model optimization strategies.

TECHNICAL SKILLS

- Programming** : Python, SQL
- Tools** : Power BI, Excel
- Machine Learning** : Supervised & Unsupervised Learning ,Regression & Classification Models, Scikit-Learn
- Deep Learning** : Neural Networks, TensorFlow, CNN
- Exploratory Data Analysis** : Data Cleaning & Preprocessing, Feature Engineering, Data Wrangling, Pandas
- Data Visualization** : Power BI, Seaborn, Matplotlib, Plotly
- NLP** : NLTK ,Text Preprocessing, Text Classification, Sentiment Analysis

PROJECTS

- Rain prediction in Australia using ML**
 - Developed a rainfall prediction model with machine learning and a Streamlit UI for real-time predictions and visualization.
- Automated detection of stolen vehicle using YOLO v8**
 - Developed an automated stolen vehicle detection system using YOLOv8 with real-time tracking.
 - Used Roboflow for dataset preprocessing and EasyOCR for license plate recognition.
- AURA – Women safety app using Flutter, Dart and Firebase**
 - Developed AURA, a women's safety mobile app using Flutter, Dart, and Firebase.
 - Enabled real-time alerts and emergency assistance for enhanced security.

CERIFICATIONS

- Accenture North America - Data Analytics and Visualization Job Simulation (Forage) - Jan 2025
- Python for Data Science (NPTEL) - Feb 2024
- Data Analytics Essentials(CISCO) - Mar 2025