Mrunal Yewatkar

mrunalyewatkar31@gmail.com | +91 8767339556 |

https://www.linkedin.com/in/mrunalyewatkar | https://github.com/Mrunal31-Stark

Summary

Passionate and dedicated B.Sc. Data Science student(3rd Year) with hands-on experience in AI and machine learning projects. Skilled in using tools like TensorFlow and scikit-learn to build practical models, including recommendation systems and fraud detection solutions. Strong problem-solving and analytical skills, with a focus on learning and growth. Excited to apply my knowledge and gain industry experience during this internship.

Technical Skills

- Programming Languages: Python (NumPy, pandas, matplotlib).
- Data Analysis and Visualization: SQL, Power BI, Excel, Machine learning.
- Tools and Technologies : Pycharm, VS code, Jupyter Notebook

Education

Savitribai Phule Pune University

Department of Technology BSC Data Science
- CGPA: 8.36

Late. VimalaBai Gangadhar Gaikwad High School(12th)
- 88%

Mount Carmel Convent School , Nagpur (10th CBSE)
- 69%

Projects

Face Attendance system (Python, Machine learning , Open CV).

- Developed a Face Attendance System to automate attendance tracking using facial recognition technology.
- Utilized OpenCV for real-time face detection and recognition, along with a deep learning model for accurate identification.
- Implemented using Python and integrated with a database for storing and managing attendance records.
- The system captures live video feeds and marks attendance based on recognized faces, enhancing efficiency and accuracy in attendance management.

Online Chatbot Ticketing System (Python, SQL).
- Developed a rule-based chatbot that handles ticket booking, booking status checks, and provides information on tours, opening hours, and ticket prices.
- The system interacts with users, stores booking data in a SQL database, and generates Excel reports for booking details.
- It ensures accuracy in real-time booking and seamless user experience..

Movie Recommendation System(Python, collaborative filtering technique).
- Built a recommendation system using collaborative filtering techniques in Python.
- Analyzed user data to provide personalized movie recommendations.

Drowsiness Detection with Sound(Python, TensorFlow , OpenCV, pygame,).
- Developed a real-time drowsiness detection system using Python, OpenCV, and machine learningalgorithms.
- Implemented facial landmark detection to monitor eye movements and detect signs of drowsiness.
- Integrated alerts to notify the user when signs of drowsiness are detected, enhancing road safety.

Sentiment Analysis(Python, NLP , Text Blob,).

- Developed a Sentiment Analysis system to classify and analyse the sentiment of text data as positive, negative, or neutral.
- Utilized the Text Blob library for sentiment analysis and natural language processing (NLP) tasks.
- Implemented using Python to process large datasets, extracting sentiment polarity and subjectivity.
- The system is capable of analyzing real-time text input and visualizing sentiment trends for better decision-making.

Emotion Detection using Open CV(Python, Open CV, Tensor Flow).
- Developed a real-time emotion detection system using OpenCV and machine learning algorithms
- Built a model capable of detecting human emotions such as happiness, sadness, anger, and surprise from facial expressions.
- Utilized OpenCV for image processing and facial feature extraction.
- Employed deep learning techniques to train the model on a dataset of facial expressions, achieving high accuracy in emotion recognition.
- Integrated the system with a user-friendly interface for real-time emotion detection using a webcam.
- Technologies: Python, OpenCV, Tensor Flow/Keras, Convolutional Neural Networks (CNN), and Deep Learning.

Certifications

- **Google Cloud: Vertex AI Skill Badge**
- **Accenture North America Data Analytics and Visualization Job Simulation** on Forage - Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- **Tata Group** : Data Visualization Empowering Business with Effective Insights Job Simulation.

Hobbies

- Learning emerging technologies
- Music
- Playing cricket
- Reading books on mental strength

Language

- English
- Hindi
- Marathi