

Mahesh Kandekar

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EXPERIENCE

Trainee — Internship

Jan 2024 - May2024

Null Class - Data Science Developer Intern

Real-time Emotion Detection System

- Developed real-time emotion detection using Python, TensorFlow, and OpenCV for webcam analysis. Identifies emotions accurately (happiness, sadness, anger, surprise, fear, neutrality).
- We conducted a thorough data exploration, visualization, and model training for precise predictions.
- Demonstrated skills in machine learning, data exploration, and model development.

SKILLS

- **Programming Language:** Python (Numpy, Pandas, Matplotlib, Seaborn, Sklearn)
- **Statistical Analysis:** Descriptive Statistics, Inferential Statistics, Hypothesis Testing
- **Machine Learning:** Supervised Learning, Unsupervised Learning, Natural Language Processing (NLP).
- **Deep Learning:** Artificial Neural Network (ANN), Convolutional Neural Networks (CNN), TensorFlow.
- **Web Frameworks:** Flask.
- **DataBase:** MySQL.
- **Version Control:** Git, Github.
- **Tools:** Power BI, Jupyter Notebook, Visual Studio Code, Pycharm, Google Collab, Microsoft Excel.

EDUCATION

- **Master in Computer Science — 2023 — Present**
SMBST College Sangamner
- **Bachelor in Computer Science — 2019 - 2022**
SMBST College Sangamner CGPA: 8.3

PROJECTS

Bike Sharing Analysis

- The analysis provided valuable insights into user behavior and demand dynamics, leading to enhanced operational efficiency and improved service quality in the bike sharing system
- Use Python for data extraction, cleaning, and analysis, alongside SQL for querying relevant datasets. Utilized advanced Excel techniques for data processing.
- Create a Power BI dashboards to gave us stakeholders an easy way to keep an eye on how well things are going, track important goals, and make smart decisions based on real data.

UPI Payment Fraud Detection

- The project focused on enhancing fraud detection through the use of Python and machine learning algorithms to identify and prevent fraudulent transactions.
- The system analyzes transaction data to detect unusual patterns and flag potential fraud in real-time. A user-friendly interface was developed using HTML, CSS, and Flask, enabling seamless monitoring and management of the system.

CERTIFICATIONS

- **Python For Data Analysis** - Great Learning
- **Data Analytics Course** - Marsian Technologies LLP
- **Data Visualization With Power BI** - Great Learning