

Prasuk Jain

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PROJECTS

Custom Object Detection and Identification using Deep learning

Apr 2023 – May 2023

- Developed a custom object detection web app using YOLO v5.
- Utilized Streamlit framework for building the web app.
- Trained the YOLO v5 model on custom object classes.
- Achieved accurate and efficient object detection results.
- Deployed the web app for seamless user interaction.
- Created an intuitive user interface using Streamlit for easy navigation.
- Collaborated with a team to ensure smooth integration and deployment.
- Demonstrated expertise in Python, YOLO v5, and object detection techniques.
- Designed a scalable and reliable web app for real-time object detection.
- Conducted thorough testing and refinement to ensure optimal performance.

Gender Detection Web App using Machine Learning Algorithms

May 2023 – Present

- Developed a Gender Detection web app using Machine Learning algorithms.
- Implemented ML pipelines to enhance prediction accuracy.
- Utilized Flask framework for building the web app.
- Deployed the app using Railway.app platform.
- Successfully trained and implemented models for gender detection.
- Incorporated user-friendly interface for ease of use.
- Improved accuracy and efficiency through continuous testing and refinement.
- Demonstrated proficiency in Python, Flask, and Machine Learning techniques.
- Created a robust and scalable web app that accurately predicts gender based on input data.

UBER Cab Pickup analysis

Dec 2022 – Jan 2023

- Analysed Uber cab pickup data in New York City to gain insights into patterns and trends.
- Utilized data science techniques to extract meaningful information from the dataset.
- Conducted exploratory data analysis to identify peak hours, popular pickup locations, and customer preferences.

EDUCATION

Madhav Institute of Technology and Science, Gwalior

2020-2024

Bachelor of Technology, Artificial Intelligence and Robotics

Cumulative GPA: 3.46/4.0

Core Team Member of Robotics Club and Coding Club

ADDITIONAL

Technical: Python, Postgre SQL, Machine Learning, Scikit-learn, Scikit-Image, OpenCV, MLOps, Numpy, Pandas, Matplotlib, Seaborn, Generative Ai, Flask, Streamlit.

Languages: Fluent in English.

Certifications & Training:

- Machine Learning for Earth Sciences by NPTEL
- Image Processing with Python by Datacamp
- Generative AI by Udemy
- Postgre SQL by Datacamp