PSWATHI VIJAYAN

ML/COMPUTER VISION ENGINEER

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PROFILE

A self taught developer who is passionate machine learning professional and data driven analyst with the ability to apply ML techniques and algorithms to solve real world problem.

SKILLS

MACHINE LEARNING

- Linear Regression
- Logistic Regression
- Decision Trees
- KNN,KMEAN
- Support Vector Machine
- Random Forest
- Naive Bayes

DEEP LEARNING

- ANN
- CNN

PYTHON LIBRARIES & FRAMEWORKS

- Numpy
- Opencv
- Pandas
- Pytorch
- Matplotlib
- keras

EDUCATION

MACHINE LEARNING & COMPUTER VISION ENGINEER TRAINEE

Brototype
2022-Prepare

BACHELOR OF TECHNOLOGY

B.Tech   Computer Science
Rajiv Gandhi College of Engineering and Technology

2012 - 2016

PROJECTS

HAND GESTURE RECOGNITION

- The objective is to create a hand gesture recognition tool which can recognize English alphabets from A to Z
- Implemented using OpenCV and MediaPipe.

Git : https://github.com/aswathinrp/HandgestureRecognition

NUMBERPLATE DETECTION

- The goal of this project is to detect the number plate of the vehicles and extract numbers from the number plate. Also classify the type of car by analyzing the number plate into private, taxi, rented, electric and military.
- The model achieved an accuracy of 87% by using the yoloV5 model and EasyOCR library.

Git : https://github.com/aswathinrp/NumberplateDetection

CAR PRICE PREDICTION – FLASK APP

- Tried to predict the present selling price of vehicle using Linear Regression
- dataset is downloaded from kaggle.com
- save the model after training using pickle and run with flask .

Git : https://github.com/aswathinrp/CarPricePrediction-Flask-app

WEB DEVELOPMENT

E-COMMERCE WEBSITE

- Build using Python-django framwork
- A complete e-commerce website for home plans integrated with email verification and Razorpay

Git : https://github.com/aswathinrp/mybudgethouse

SOFT SKILLS

- Quick Learner
- Self Learning
- Hard Working
- Optimistic
- Flexible
- Team Player

CERTIFICATES

- **DEEP LEARNING FOUNDATIONS**

  iNEURON   2022

- **PYTHON MATPLOTLIB**

  Great Learning   2022

- **NUMPY**

  Great Learning   2022

- **PANDAS**

  Great Learning   2022

- **MACHINE LEARNING FOR PYTHON**

  IBM   2022

MINIPROJECTS

FACE DETECTION

- Tried face detection using harcascade face detector

  Git : https://github.com/aswathinrp/facedetection-harcascade

OBJECT DETECTION USING SSD

- Tried real time object detection using mobilenet-ssd

  Git : https://github.com/aswathinrp/object-detection-using-mobilenet-SSD

QR CODE DETECTOR

- In this project tried to detect the Authorized and Un-Authorized

  QR code

- Implemented using Pyzbar,Numpy and Opencv

  Git : https://github.com/aswathinrp/QR-detector

AD CLICK PREDICTION

- In this project, tried to predict whether or not a particular internet user clicked on an advertisement.

  Tried this project by using Logistic Regression

- Git : https://github.com/aswathinrp/AD-Click-Predictions

EXPERIENCE

- ### DIGITAL MARKETING EXECUTIVE

  REO PRODUCTIONS   2020-2022

- **DOMAIN TRAINER - DIGITAL MARKETING**

  LEAN ORGANISATION   2019-2020

- ### MEDIA ADMINISTRATOR

  FURBANS TECHNOLOGIES   2016-2018

DECLARATION

I hereby declare that all the information furnished is true and correct to the best of my knowledge