NAME: Mythri R J
Contact No.: +91-70262 07970
Email ID: mythrijain9@gmail.com
https://github.com/mythri1996?tab=repositories
https://www.linkedin.com/in/mythri-r-j-983045185/

CAREER OBJECTIVE:

Problem solver with analytical and great communication skill, Individual with exceptional research skills, looking for an entry-level data scientist who takes pride in building models that translate data points into business insights and also apply the knowledge to real-world business problems.

SUMMARY:

- Experience of Machine learning algorithms like Supervised: Linear and Logistic Regression, KNN, Support Vector Machines(SVM), Decision tree,Random Forest, Adaptive Boosting (ADA Boost), Extreme Gradient Boosting (XG Boost),Navis bayes. Unsupervised Learning: K-Means Clustering, DBSCAN Clustering
- Skilled in libraries like Numpy, Pandas, Matplotlib,Seaborn,Scikit learn,Keras,Tensor flow , and OpenCV.
- Strong Mathematical foundation and good in Statistics.
- Feature engineering in Python – Missing value treatment and outlier handling,
- Feature Scaling- transforming variables and reshaping data using python packages like Numpy, Pandas and Scikit Learn.
- Good Knowledge of Deep Learning (DL) and ample hands-on with Neutral Networks, Artificial Neural Networks(ANN),Convolutional Neural Networks(CNN) and Recurrent Neural Networks(RNN).
- Having good knowledge on YOLO v4 architecture.
- Good knowledge on transfer learning and saved models
- Basic Understanding of Computer Vision techniques like Image pre-processing, Image Segmentation, Object detection, Object recognition etc.
- Good knowledge of data visualization.
- Basic understanding of web scarping by using beautiful soup library.
- Good knowledge on understanding and visualizing the data using pandas, matplotlib, seaborn, lux libraries
- Have basic knowledge on Rapids which can speed up the process
- Hands on google colab

TECHNICAL SKILLS SET:

- Concepts of Machine learning, Deep learning,
- Working Technoogies with Python
- IDES with Jupyter Notebook, Anaconda python, Google Colab.
- Database : MySQL(basics)

Professional courses:

- Netzwerk Academy : Advanced data science   September 2020

Professional Certification:

- Netzwerk Academy : Advanced data science   September 2020 to present

Project 1: Vehicle Detection
Used : OpenCV, jupyter Notebook,YoloV4,YoloV3
Description :
- This project help us to detect Object.
- In this project Used YoloV3 and YoloV4 for speed and better Accuracy for object detection.

Github Link: https://github.com/mythri1996/Object-Detection-using-YOLO-and-OpenCV

Project 2: Skin Cancer Detection
Skills Used: Numpy, keras, os,CNN,jupyter Notebook, matplotlib,cv2
Description:
- Prediction of cancer and non cancerous tumor
- Project built with CNN

GitHub Link: https://github.com/mythri1996/Skin-Cancer-Detection-

Project 3 : Smile detection using OpenCV
Skills used: CV2
Description:
- This projects detects Face and smile tested on video stream and images

GitHub Link : https://github.com/mythri1996/Smile-Detector--OpenCV

Project 4: HR Analytics
Skills used : Numpy,pandas,matplotlib,ML Algorithm
Description:
- Project built with Machine Learning Algorithms(knn, Navis bayes,XGboost
- Explotary Data Analysis using matplotlib and seaborn for visulization

GitHub Link: https://github.com/mythri1996/HR-Analytics-Job-Change-of-Data-Scientists-_using-ML-

Project 5: Hand Gesture Recognition
Skills Used : CV2,CNN
Description:
- This project help us to recognise the numbers from one to five.
- Trained on images and used opencv to predict new images

GitHub Link : https://github.com/mythri1996/Hand-Gesture-Recognition

Project 6: Sensor Readings -24 Using ANN
Skills Used: Numpy, Pandas, Matplotlib, Seaborn, Keras,Sklearn, ANN
Description:
- Project built with artificial Neural Network

GitHub Link: https://github.com/mythri1996/EDA-Sensor-readings-24-Deep-Learning

Project 7: Chest X-Ray prediction (PNEMONIA or NORMAL)
Skills Used: Numpy, Matplotlib, os, cv2,, keras, sklearn, image data generation,MobileNetV2
Description:
- MobileNetV2 architecture to achieve better accuracy using Transfer Learning
- Based on that image my model will predict that person is suffering with Pnemonia or not.

GitHub Link : https://github.com/mythri1996/Xray-Prediction-

Project 8: Mask Detection
Skills Used: Numpy, cv2, matplotlib, keras,sklearn,os,CNN
Description:
- This project my model is trained with lot of images with mask and without mask using CNN model

- It takes an image then my CNN model detects that person has mask or not

GitHub Link : https://github.com/mythri1996/Xray-Prediction-

Project 9: Spam and ham classification
Skills Used : keras, sklearn, LSTM, numpy, seaborn, pandas

- This project built with long short term memory(LSTM) Architecture
  .Tokenize the data into sequence of tokens. Then pad/truncate the data so that every se-
  quence is of same length, helps us to differentiate Collection of SMS messages tagged as
  spam or legitimate

GitHub Link : https://github.com/mythri1996/Spam-and-ham-Classification-using--LSTM

Project 10:classify dog or cat
Skills Used : matplotplib ,cnn,cv2,OS
Description:

- This project trained on 2 types of images and built with CNN And OpenCV
- Prediction on new Images

GitHub Link : https://github.com/mythri1996/Classify-cats-vs-dogs

Internship:

- Netzwerk Academy :   Data science intern   (Sep 2020 - present)

Work Experience :

Worked as a Junior Officer in hdfc bank ltd in Bangalore, India (May 2018-September 2021).

- Identify and evaluate new and specific profitable business opportunities.
- Coordinate with team to develop and implement strategic sales plan
- Demonstrate exemplary expertise in the completing the own sales target and lead the team to
  Achieve overall company target.
- Providing financial solutions to customers

Education :

B.E : (Bachelor of Engineering)
Visvesvaraya Technological University, Belagavi   (2013-2017) 70.37%
Department of Information Science and Engineering.
Canara Engineering College, Benjanapadavu.

PUC :
Department of Pre-University Education Karnataka   (2012-2013) 63%
Government P.U College for Women, Mangaluru.

SSLC :
Karnataka Secondary Education Examination Board   (2010-2011)
76.64%
Swami Vivekananda Jr. College Yedapadavu

Seminar and paper presentation

Presented and Published Technical paper on "Development of Quad Copter based of
Pesticide Spraying mechanism for Indian Agricultural Applications" at N.M.A.M
Institute Technology NITTE in April 2017.

Extra-Curricular Activities:

- • Participated in National level competitions at technical festivals.
- • Member of CSI (Computer Society of India) and Indian Society for Technical Education.

Declaration:

I do hereby declare that all the above information given by me is true to the best of my knowedge.

PLACE:

DATE: MYTHRI R.J