JERIN LALICHAN

Intern Data Scientist

CONTACT

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Blog: https://thedatamatics.blogspot.com/

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Personal Details

- **Age** : 24
- **DOB** : 01/01/1998
- **Marital Status** : Single

SKILLS

Python:

- NumPy
- Scikit-Learn
- Pandas

Machine Learning :

- End-to-End EDA
- Feature Engineering, Feature Selection
- Regression
- Classification
- Clustering
- Statistics
- Regularization

Deep Learning :

- ANN
- CNN
- Transfer Learning
- NLP
- Tensorflow

About Me

Hardworking and passionate individual, Currently Pursuing an Internship in Python-Data science and looking for job opportunities.

Experience

Luminar Technolab - Intern Data Scientist

January 2022 - Present

Python And Advanced Python

- Conditional Statements, Looping, control Statements,
- String Manipulation, Lists, Tuple, Dictionaries, Functions
- Exception Handling, OOPS Concepts, Regular Expressions, Multithreading, Functional Programming.

Mathematics for Data Science

- Linear Algebra Concepts
- Introductory statistics
- Probability concepts

EDA, Data Science & ML

- Exploratory Data Analytics using Python (EDA), Data Visualization,
- Supervised Learning - Regression (Simple Linear Regression, Logistic Regression, Multiple Linear Regression, Polynomial Regression, Decision Tree Regression, Evaluating Regression Model Parameters), Classification (KNN, Naive Bayes, Decision Tree, Random Forest, SVM)
- Unsupervised Machine Learning - K-Means Clustering, Elbow Method for the optimal value of k in K-Means

Deep Learning

- Neural Networks, ANN, CNN, CNN Alexnet
- Transfer Learning
- Natural Language Processing(NLP), NLTK, TFIDF
- Keras, Tensorflow,
- Open Computer Vision (OpenCV), Optical Character Recognition (OCR),

Amazon - Tron Associate

July 2021 - April 2022

Computer Vision
- OpenCV

Visualization:
- Tableau
- Jupyter Notebook

Git, GitHub

Cloud:
- Heroku

Certifications

NACTET :
- Course in Data Science-Python From Luminar Technolab

Development Tools

- Visual Studio
- Jupyter Notebook
- Google Colab
- PyCharm
- Eclipse

Soft Skill

- Leadership
- Analytical Thinking
- Creative Problem Solving
- Communication

Projects

1. **Diabetes Prediction Model**

- End-to-end project in which diabetes dataset is used to build a Machine learning model - Classification problem, to predict if a patient is diabetic or not.
- All classification algorithms are used and the best performing algorithm was found to be Adaboost classifier.
- The model is created, and the files are pushed to GitHub repository (LINK) and deployed in Heroku.
- URL: *https://ai-diabetes-predictor.herokuapp.com/*

2. **Virtual Canvas**

- In this, I have created a virtual canvas for Teaching purposes and other purposes, using OpenCV.
- Hand detection is used. Raising two fingers for selection mode, one finger for drawing mode, and all fingers for erasing mode.
- The interface consists of tools to select a few colors, an eraser button, option to draw rectangles, circles, and straight lines using a few fingers. Also, I have provided palm erasing mode, in which we can erase by just showing the palm (with an adjustable eraser diameter)
- Git hub repository LINK

Education Background

- BACHELOR OF TECHNOLOGY (B Tech.) IN CIVIL ENGINEERING
  Rajagiri School of Engineering and Technology, Kochi
  Kerala Technical University (KTU) I 2016 – 2020
  CGPA: 8.37

- 12th
  St. Jerome's HSS, Vellayamkudy
  Kerala Board | 2013 - 2015
  Percentage: 92.5 % - Bio Maths

- 10th
  St. Jerome's HSS, Vellayamkudy
  Kerala Board | 2012 - 2013
  Percentage: 91 %

SKILLS