KHYAATI

PROFILE SUMMARY

A self taught programmer with strong academic background , Cumulative GPA of 9.65 , looking for an role to utilize my potential with a Startup Company in the Data Science Domain

SKILLS

–Python , C , Matlab
– Matplotlib, Seaborn, pyvis
–Sci–kit Learn, Pandas, Numpy
–Linux , Windows
–Github
–Microsfot Power BI , MS Excel
–MySQL, IBM DB2
–Regex

ML Models

–Linear Regression
–Logistic Regression
–K means Clustering
–Neural Networks

Certifications

–BEC Preliminary, Cambridge English Qualifications
–Data structures, IIT Madras , NPTEL
–Machine Learning by Andrew Ng , Stanford University.
–Foundations in Data Analytics , by Google, Coursea
–Image Processing Onramp, Matlab

Contact Details

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GitHub | Kaggle | LinkedIn

Data Science Projects

Heart Disease Predicting, Machine Learning [CLICK HERE]

2021 – August

–A web notebook to predict the presence of Heart Disease from a variety of biological parameters such as, age, BP, Chelostrol , etc from dataset obtained at Kaggle.
–Used Logistic Regression to train and predict the values.
–Obtained an accuracy and recall value of 99%.

Marvel Character Path Finder, Data Analysis [CLICK HERE]

2022 January

–Worked with Public dataset of Marvel Comic Verse , performed Exploratory Data Analysis(EDA)
–Visualized the insights using Seaborn , Matplotlib and pyvis Network.
–Implemented Shortest path algorithm (BFS) to find distance between any two marvel characters and path between them.

Housing Classifier, Machine Learning [CLICK HERE]

2021 December

–A web notebook to predict the houses price based on several parameters.
–Implemented neural network model and obtained an accuracy of 90%.
–Optimized the result using Feature scaling.

Aircraft Crash Dashbaord, Visualisation

2022 Febuary

–Implemented data visualization on all the aircraft accidents in history in Microsoft Power BI.
–Used various metrics to show diffrent aspects of the history of crashes

Other Significant Projects

Desktop Music Player [CLICK HERE]

– An Python based Music player application that can play, pause and load songs into the program.
– It uses Lyrics.OVI api calling to fetch lyrics online, from Ovi Database in JSON format.
– Integrated with Tkinter Graphical User Interface

Email Unsubscriber [CLICK HERE]

– An automated python application that can scrape links/url from batch of emails in an inbox.
– It uses Beautiful Soup Library to parse the html data.
– Sends Https request in bulk to unsubscribe from unwanted emails.

Academic Background

- Hindusthan College Of Engineering And Technology, Coimbatore.
  Bachelor of Engineering in Computer Science, 2018–2022
  - **CGPA 9.65 / 10**

- Sri Chaitanya Junior College, Bangalore. – HSC, CBSE 2017–2018
  - Percentage 84%

- Cambridge Public E School , Tamil Nadu – SSLC, CBSE 2015–2016
  - **CGPA 10 / 10**