CHANDRU GANESHAN
Data Analyst
Coimbatore, Tamilnadu | Phone: +91 9087535918 |
chandruganeshan24@gmail.com | github | linkedin

CARRIER OBJECTIVE

As a Data Analyst and Python Programmer, my goal is to leverage my analytical skills and programming expertise to contribute effectively to a dynamic work environment. Committed to delivering actionable insights and driving the enhancement of company processes through data-driven decision-making.

EDUCATION

BHARATHIAR UNIVERSITY   Coimbatore
Master of Data Analytics   Expected March 2024
CGPA – 7.61(Till Second Semester)
Relevant Coursework: Data Analysis, Machine Learning, Algorithms, Exploratory Data Analysis

GOVERNMENT ARTS COLLEGE   Coimbatore
Bachelor of Statistics   Jul 2019 - Jul 2022
CGPA – 7.93
Relevant Coursework: Statistical Analysis, Probability and Statistics, Hypothesis testing

UNIVERSITY PROJECTS

DESIGN AND DEVOLEPMENT OF DEEP LEARNING ARCHITECTURE FOR VIDEO BASED EMOTION RECOGNITION AND PREDICTION – DEC 2023

- Developed and implemented a cutting-edge deep learning architecture and machine learning algorithms to ac predict a person's emotional state based on their historical emotional data. Achieving 60% of average accuracy to predict their forthcoming emotional states.

MACHINE LEARNING - BASED ALZHEIMER'S DETECTION FOR MRI SCANED IMAGES – JUNE 2023

- Utilized deep learning architectures to assess Alzheimer's severity through analysis of MRI scanned images, showcasing my proficiency in cutting-edge technologies for impactful healthcare solutions. Try it: *https://alzheimer-detection-st.streamlit.app/*

MACHINE LEARNING – BASED DIABETES PREDICTION FROM VITAL PARAMETERS – MAY 2023

- Employed a machine learning algorithm to determine the presence or absence of diabetes by analyzing vital parameters, including heart rate, hypertension, and blood pressure. Try it: *https://diabetes-prediction-24.streamlit.app/*

ACTIVITIES

TECHNICAL INSTRUCTOR FOR THE SEMINAR FOR 60 STUDENTS   Bharathiar University, Coimbatore
Topic: Machine Learning Model Deployment using Streamlit   Dec 2023 – Present

- Conducted a seminar emphasizing the practical aspects of deploying machine learning models with Streamlit, interacting with and imparting insights to 60 students from the Department of Computer Applications regarding effective model deployment strategies.

TECHNICAL INSTRUCTOR FOR THE WORKSHOP FOR 60 STUDENTS   Bharathiar University, Coimbatore
Topic: Mathematics Behind Machine Learning Algorithm (Decision Tree)   Oct 2023 – Present

- Developed and presented a thorough workshop elucidating the mathematical principles that form the foundation of machine learning algorithms. Collaborated with the Department of Computer Applications to facilitate an interactive learning session, engaging 60 students in the process.

SKILLS AND CERTIFICATIONS

Technical Skills: Basics in SQL, Intermediate in Python [Tensorflow, Scikit-learn, Pandas, Numpy, Plotly, Matplotlib, Seaborn, Scipy,]**,** R [dplyr, ggplot]
Languages: Conversational Proficiency in English, Telugu
Certifications & Training: Descriptive Statistics with R (NPTEL), Prompt Engineering for ChatGPT (Coursera)