

## CHANDRU GANESHAN

### Data Analyst

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## CARRIER OBJECTIVE

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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

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### BHARATHIAR UNIVERSITY

Master of Data Analytics

CGPA – 7.61(Till Second Semester)

Relevant Coursework: Data Analysis, Machine Learning, Algorithms, Exploratory Data Analysis

Coimbatore

Expected March 2024

### GOVERNMENT ARTS COLLEGE

Bachelor of Statistics

CGPA – 7.93

Relevant Coursework: Statistical Analysis, Probability and Statistics, Hypothesis testing

Coimbatore

Jul 2019 - Jul 2022

## UNIVERSITY PROJECTS

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### DESIGN AND DEVELOPMENT 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 accurately 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 SCANNED 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

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### CONDUCTED SEMINAR FOR 60 STUDENTS

Topic: Machine Learning Model Deployment using Streamlit

Bharathiar University, Coimbatore

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.

### CONDUCTED WORKSHOP FOR 30 STUDENTS

Topic: Mathematics Behind Machine Learning Algorithm (Decision Tree)

Bharathiar University, Coimbatore

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

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**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)