

HARIHARAPRASAD RAVI

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PROFILE SUMMARY

I am Hariharaprasad, an aspiring data analyst with a deep passion for the fascinating world of Neural networks, **deeplearning & machine learning**. My journey in the realm of data analytics has ignited a relentless drive within me to explore the endless possibilities that this field offers. I am committed to honing my skills and knowledge, constantly pushing the boundaries of what I can achieve. My promiseable nature ensures that I am dedicated to making meaningful contributions to the ever-evolving landscape of data analytics and machine learning. And having a basic knowledge in backend development

EDUCATION

BE. ELECTRONICS AND COMMUNICATION ENGINEERING

May 2025

Thanthai periyar government institute of technology. Cgpa -8.0

HIGHER SECONDARY EDUCATION

March 2020

Vani metric Hr sec school . percentage- 82.6%

COURSE WORKS

NPTEL-Programming data structures and Algorithms| **NPTEL**-Python for Data science| Google Data Analysis professional certificate | | IBM- applied Data science NM| | **Sql**-intermediate Hackerrank| |power of statistics

PROJECT WORKS

Face Detection-based Smart Attendance System:

Designed and implemented a smart attendance system leveraging YOLO for real-time face detection and FaceNet for accurate facial recognition. Integrated database for secure and scalable storage of attendance records, enabling efficient tracking, retrieval, and management of attendance data in diverse environments and conditions. **software used: yolo ,facenet**

Toyota car prediction using machine learning

Developed a machine learning model to predict the price of Toyota cars based on various factors such as mileage, age, engine size, fuel type, and more. The project involved data preprocessing, feature engineering, and training regression models to estimate car prices accurately.

Software Used: Python, **Scikit-learn**, **Pandas**, **NumPy**, **Matplotlib**, **Regression Algorithms (Linear Regression, Random Forest**,

Stock price prediction and Temperature prediction

Developed RNN, lstm based model to predict the future stock price ,it was trained using historic stock prices of companies and if we give previous four days data model will predict the next day price of stock .Technologies used: **tensorflow ,lstm,Rnn**

Customer segmentation analysis using machine learning

Conducted mall customer segmentation analysis using machine learning, clustering customers based on annual income and spending score to derive insights for targeted marketing strategies. **EDA & K-Means clustering** .clustered customers into five categories .

TECHNICAL SKILLS

| python | Sql | statistics | Deep learning | machine learning| Tensorflow | Tableau |

AWARDS & PARTICIPATION

Participated and got first place in intra-college Hackathon for smart attendance system