SARANYA G

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OBJECTIVE

To apply machine learning techniques to develop predictive models and analyze data, driving actionable insights and data-driven decisions. Seeking to leverage skills in algorithms, data processing, and model evaluation to contribute effectively to innovative projects."

EDUCATION

Bachelor of Computer Science, St.Joseph's College Of Engineering ,Chennai,TamilNadu 2022-2026
CGPA:8.96/10

High School, Vallalar Matriculation Higher Secondary School 2020- 2022
Score:90.3/100

SKILLS

Technical Skills: Pandas, NumPy,OpenCv,Machine Learning Algorithms
Programming Languages: Java-Proficient,C-Intermediate,python-Proficient
Leetcode: Start my journey in LeetCode to improve my Hands-on experience on Programing(Leetcode)
Skillrack: Solved adove 800 problems(skillrack)

CERTIFICATIONS

NPTEL swayam Jan 2023 - Jan 2024

- Achieved 64% Programming in c course
- Data Base Management System

Coursera

Supervised Machine Learning:Regression and Classification

Unsupervised Machine Learning

Applied Machine Learning in Python

PROJECTS

Glass-Broken Detection System Developed a system to detect broken glass in real-time using OpenCV and machine learning techniques. The project focuses on image processing to analyze visual input and identify instances of glass breakage. Achieved an accuracy of 85%, demonstrating the effective application of computer vision for safety and surveillance.

Student Study Hours and Score Prediction . Developed a linear regression model to predict student scores based on the number of study hours. The goal is to understand the relationship between study hours and exam performance and evaluate the model's accuracy in predicting scores . The linear regression model demonstrated how study hours correlate with student exam scores. The MSE and R^2 score helped assess the accuracy and effectiveness of the model, showing its ability to predict student performance based on study time. This analysis can guide strategies for improving study habits to enhance exam outcomes.