I Sasidev

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PERSONAL DETAILS

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EDUCATION

Vellore Institute of Technology, Vellore — *B. Tech*

2021 - 2025

Bachelor in Information Technology(5th Semester)
CGPA - 8.83
Relevant Coursework :Data Structures and Algorithms , Probability and Statistics.

PROJECTS

MultiThreaded Chat Application - to use python socket programming to create a client-server based chat application and host it using ngrok services.[LINK]

Decision Tree Error Reduction - to reduce the error rate induced by gini in a decision tree classifier using other classifiers.

Titanic Dataset - to use machine learning to create a model that predicts which passengers survived the Titanic shipwreck. Accuracy - 0.7655 [LINK]

Ecoli Dataset -to use machine learning to create a model to predict the cellular localisation sites of protein. Accuracy - 0.8712. After implementing Decision tree error reduction insights : Accuracy - 0.9306.

Wine Dataset - to use machine learning to create a model that predicts the quality of any given wine. Accuracy - 0.8314

SKILLS

Python (Scikit-Learn , NumPy,Pandas , matplotlib, Seaborn)

Socket Programming in Python

SQL

Data Analysis

Machine Learning Algorithms (Linear and Logistic Regression , KNN , Support Vector Machines, Decision Trees,Random Forest)

HTML,CSS,Javascript,Bootstrap

CERTIFICATION

Hands-On-Machine-Learning Workshop [LINK]

LANGUAGES

English - Fluent
Tamil - Native