Sriharsha Velicheti

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Summary

- This is Sriharsha , a highly motivated and skilled computer science student with a specialization in data science. Possessing a strong understanding of machine learning algorithms and statistical modeling, and proficient in Python programming, data preprocessing, and visualization.
- Possesses a great attitude towards work, with a strong work ethic and a willingness to learn, explore new approaches and methodologies in data science, and collaborate with others to achieve shared goals.

Education

Jain University | Bengaluru, Karnataka
CSE (Data Science) | 07/2024
I have a strong academic record and have taken on leadership responsibilities as a lead of the Data Science Student Club for the past 6 months. I have also actively participated in hackathons with my peers, representing our college. Recently, I ranked 6th out of 300+ participants in the Machine Hack Hackathon, hosted by Google Developer Student Club at Jain University.

Skills

Python, MySQL, Machine Learning, Data Analysis, Statistics, GitHub, Data Visualization, Power BI, TensorFlow

Projects

AI Photo Editor

- AI Image Enhancer is a user-friendly tool that enhances image quality using ***deep learning and computer vision technologies***.
- It utilizes convolutional neural networks and image processing techniques to enhance image details, colors, and remove noise, resulting in visually appealing pictures.

Bank Customer Churn Prediction

- This project is focused on predicting bank customer churn using machine learning algorithms. The aim of this project is to predict if a customer is likely to leave the bank or not, based on various features provided in the dataset.
- The dataset was ***preprocessed and various machine learning algorithms*** were applied to it. SVM and Naive Bayes algorithms were the best performers, achieving a high accuracy.

Employee Attrition Rate

- This ***machine learning project utilized algorithms such as logistic regression, decision trees, and random forests*** to analyze employee data and identify factors contributing to attrition rates within a company.
- By providing meaningful insights, the project can help HR teams take proactive measures to retain employees, such as targeted training and development programs, adjustments to compensation and benefits, and other strategies to improve employee engagement and satisfaction.

Platform Profiles

Github , LinkedIn , Hacker Rank, Leetcode

Certificates

Hacker rank Badges In Python, Java, MySQL., NPTEL Python for Data Science Certification from IIT Madras., Kaggle and LinkedIn Learning Certifications in Data Science.