Kanduri Sharath Chandra

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Summary

Enthusiastic Computer Science student with a strong foundation in machine learning, data science, and statistical modeling. Secured AIR 1712 in GATE Data Science and Artificial Intelligence 2024. Proficient in Python and Scikit-learn, with hands-on experience in developing data-driven solutions. Passionate about leveraging data science techniques to solve complex problems and continuously enhance my technical skill set.

Education

2024 - 2026	Master's Degree at **Indian Institute of Information Technology, Allahabad**	
2020 - 2024	Bachelor's Degree at **Gurunanak Institute of Technology**	(GPA: 8.78/10.0)
2019	Class 12th Telangana State Board of Intermediate Education	(96.1%)
2017	Class 10th Board of Secondary Education Telangana State	(GPA: 9.8/10.0)

Projects

Crime Prediction

- comprehensive and advanced approach to predicting and classifying various crime categories in Portland, Oregon, USA. Leveraging the power of Python and employing machine learning algorithms such as the Decision Tree Classifier and Bagging Classifier, the system has demonstrated commendable accuracy, achieving 98% on the training set and 95% on the test set.
- Tools Used: Python, Flask, Spyder

Diabetes Prediction

- Machine learning tree classifiers were analyzed for predicting diabetes mellitus in this study. The accuracy of these classifies were calculated based on the True Positive, True Negative, False Positive, and False Negative of the classifiers. In this study, Logistic Model Tree (LMT) classifier achieved an accuracy of 79.31% with an average time of 0.49 sec to build the model which is higher than the Random Forest tree classifier with 78.54% accuracy and 0.04 sec.
- Tools Used: Python, Scikit-learn, Flask, Spyder

Technologies

Languages: C++, C, Python, SQL

Technologies: Anaconda, Kaggle, Spyder, VS-Code, Excel

Skills

Machine Learning, Deep Learning, Neural Networks,Data Analytics, Data analytics, CNN
Pandas, ScikitLearn, Matplotlib, Seaborn, Data Cleansing, Feature Engineering, EDA

Certifications

GATE DA 2024 Scorecard ↗

Python Basics for DataScience,course offered by IBM ↗

Introduction to DataScience ,course offered by IBM ↗