

Sri Satyanjali Mutyala

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Data science professional skilled in Python, SQL, and machine learning. Experienced in transforming data into actionable insights and solving complex problems through advanced analysis. Adept at statistical techniques and data-driven decision-making. Eager to apply my analytical skills and technical knowledge for impactful contributions.

EDUCATION

MSc. Data Science	Sep 2024 - Present
Vellore Institute of Technology, Amaravati	
I am pursuing an MSc. in Data Science at Vellore Institute of Technology, focusing on data sets, machine learning, and analytical techniques. My coursework and projects emphasize algorithms, statistical analysis, and data-driven decision-making..	
BSc. Data Science	Jun 2021 - Mar 2024
Aditya Degree College, Palakol	GPA: 8.04
I completed my BSc. in Data Science, gaining a solid foundation in data analysis, programming, and machine learning. This program equipped me with essential skills in data management, statistical analysis, and problem-solving.	
Board of Intermediate Education	Jun 2019 - Mar 2021
Sasi Junior College, Palakol	GPA: 91%
Secondary School Education	Jun 2018 - Mar 2019
Bhashyam Public School	GPA: 97%

WORK EXPERIENCE

Krify Software Technologies Pvt. Ltd., (Jan 2025 – Present)	Feb 2025 - Apr 2025
AI/ML Intern (Python, Pandas, NumPy, Scikit-learn, Machine Learning)	
<ul style="list-style-type: none">Working on machine learning models using Python.Performing data preprocessing, EDA, and feature engineering.Implementing supervised learning algorithms for prediction tasks.Evaluating models using accuracy, precision, recall, and F1-score.	

PROJECTS

Personalized News Recommendation System	Feb 2025 - Apr 2025
<ul style="list-style-type: none">Developed a Python-Flask web app for personalized news recommendations using user preferences and search history.Integrated web crawling (Scrapy/BeautifulSoup) for real-time updates and built a query-driven search module.Designed a RESTful API with SQLite/PostgreSQL for data storage and an intuitive HTML/CSS frontend for seamless interaction.	
House Price Prediction	Oct 2024 - Dec 2024
<ul style="list-style-type: none">Developed a machine learning model to predict house prices based on various features such as location, size, and amenities.Conducted data cleaning, exploratory data analysis, and feature engineering to prepare the dataset.Implemented multiple regression models and evaluated performance using metrics like Mean Absolute Error (MAE) and Root Mean Squared Error (RMSE).Improved the model's accuracy through hyperparameter tuning and cross-validation.	

RESEARCH PROJECTS

Ensemble Deep Learning for Heart Disease Prediction

- Built **CNN, BiLSTM, and Hybrid CNN–BiLSTM models** on clinical tabular data.
- Implemented a **stacked XGBoost ensemble**, achieving **97.2% accuracy, 98.0% recall, ROC-AUC 0.996**.
- Minimized **false negatives** to support **early and reliable medical diagnosis**

SKILLS

Programming Languages: Python, SQL, R

Database Management: MySQL, Excel, MS word

Data Science & Analytical Tools: NumPy , Pandas, Matplotlib, Seaborn, Tableau

Statistic Tools: SciPy, Statsmodels

CERTIFICATIONS

Certificate of completion in Programming Essentials in Python by SCALAR

Certificate of Presentation for Research on “Ensemble Models for Heart Disease Prediction” at Academic International Conference