

SAHANA REDDY KORANDLA

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CAREER OBJECTIVE

Undergraduate student seeking an opportunity to apply my analytical skills and technical knowledge to drive data-driven insights. Eager to contribute to a dynamic team and solve problems creatively.

EDUCATION

SR University, Warangal	Nov 2021-June 2025
B.Tech – CSE(Data Science)	76%

SKILLS

Python, SQL, MS Excel, Power BI, Data Analysis, Data Cleaning, Data Visualization, Data Manipulation, EDA

Packages: Scikit-Learn, NumPy, Pandas, SciPy, Matplotlib, Seaborn, Jupiter Notebook

Machine Learning: Linear/Logistic Regression, SVM, Clustering & Classification

PROJECTS

Rainfall Prediction using Machine Learning	June 2022
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- Implemented a Decision Tree algorithm for prediction.
- Utilized python with pandas, numpy and scikit-learn for data processing and modeling.
- Achieved an accuracy of 84% on the test set with the Decision Tree model.
- Demonstrated the utility of predictive modeling in weather forecasting for disaster preparedness.

Prediction of KAP in Hypothyroidism using Natural Language Processing	Feb 2023
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- Predicted KAP(Knowledge, Attitude, Practice) levels regarding hypothyroidism using advanced natural language processing techniques.
- Employed BERT with LSTM and utilized Tensorflow, Hugging Face Transformers and Scikit-learn for model development and evaluation.
- Utilized the survey data to demonstrate the predictive potential of modeling KAP levels in hypothyroidism, aiding in tailored healthcare strategies.

Customer Segmentation using Machine Learning	Feb 2024
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- Implemented K-means clustering algorithm for customer segmentation.
- Utilized python with pandas, numpy, matplotlib, seaborn, and scikit-learn for data processing, analysis and visualization.
- Demonstrated the utility of clustering in personalized marketing and providing relevant offers and deals to customers.

CERTIFICATIONS

- IBM Data Analyst Professional Certificate
- Cisco Certified: Introduction to Data Science
- Accenture North America – Data Analytics and Visualization Job Simulation

INTERESTS

Graphic Designing, Reading