

Jahnavi Kaniti

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OBJECTIVE

Proficient in **Python**, **SQL**, and data modeling, focused on delivering actionable insights from complex data. Experienced in creating dashboards using **Power BI** and **Tableau** to support strategic decision-making.

EDUCATION

M.Tech in Computer Science

University of Hyderabad, Hyderabad

2023-2025

CGPA: 7.4/10

B.Tech in Information Technology

JNTUGV-CEV, Vizianagaram, Andhra Pradesh

2019-2023

CGPA: 7.8/10

SKILLS

Programming: Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL, Excel

Databases: PostgreSQL

Tools: Power BI, Tableau, Git

Concepts: Data Cleaning, Data Visualization, Probability & Statistics, ML Basics

Course Work: DSA, OS, CN, Algorithms, DBMS

RESEARCH PROJECTS

Community based Preprocessing for Reliable Link Prediction:

GitHub

- Developed a framework for predicting links in graph datasets by extracting multiple graph-based features and community detection algorithms.
- Implemented and evaluated multiple features using machine learning models (Random Forest, XGBoost, LDA, Neural Networks) to predict potential links.
- Utilized networkx, graph-tool, cdlib, scikit-learn, and tensorflow for comprehensive graph analysis, feature extraction, and model development.

PERSONAL PROJECTS

Credit Card Fraud Detection: Developed fraud detection models using **Logistic Regression**, **Random Forest**, and **Autoencoders**, addressing class imbalance with **SMOTE** analysis to accurately identify fraudulent credit card transactions.

Sales Data Analysis using Python: Analyzed retail sales data using **Pandas** and **Matplotlib** to identify seasonal trends and improve forecast accuracy.

Customer Churn Prediction: Used **Pandas** and **Matplotlib** to analyze retail sales data, identifying seasonal trends to improve forecasting insights.

Power BI Dashboard for Business Insights: Created an interactive dashboard to visualize key performance indicators and support business decision-making.

CERTIFICATIONS

- Generative AI Mastermind - Outskill (2025)
- Data Analytics Fundamentals - AWS Training & Certification (2022)
- Math for Machine Learning - AWS Training & Certification (2022)