

# Jahnavi Kaniti

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## OBJECTIVE

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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

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<b>M.Tech in Computer Science</b>	2023-2025
University of Hyderabad, Hyderabad	CGPA: 7.4/10
<b>B.Tech in Information Technology</b>	2019-2023
JNTUGV-CEV, Vizianagaram, Andhra Pradesh	CGPA: 7.8/10

## SKILLS

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<b>Programming:</b>	Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn), SQL, Excel
<b>Databases:</b>	PostgreSQL
<b>Tools:</b>	Power BI, Tableau, Git
<b>Concepts:</b>	Data Cleaning, Data Visualization, Probability & Statistics, ML Basics
<b>Course Work:</b>	DSA, OS, CN, Algorithms, DBMS

## RESEARCH PROJECTS

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<b>Community based Preprocessing for Reliable Link Prediction:</b>	GitHub
<ul style="list-style-type: none"><li>Developed a framework for predicting links in graph datasets by extracting multiple graph-based features and community detection algorithms.</li><li>Implemented and evaluated multiple features using machine learning models (Random Forest, XGBoost, LDA, Neural Networks) to predict potential links.</li><li>Utilized networkx, graph-tool, cdlib, scikit-learn, and tensorflow for comprehensive graph analysis, feature extraction, and model development.</li></ul>	

## PERSONAL PROJECTS

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<b>Credit Card Fraud Detection:</b>	Developed fraud detection models using <b>Logistic Regression</b> , <b>Random Forest</b> , and <b>Autoencoders</b> , addressing class imbalance with <b>SMOTE</b> analysis to accurately identify fraudulent credit card transactions.
<b>Sales Data Analysis using Python:</b>	Analyzed retail sales data using <b>Pandas</b> and <b>Matplotlib</b> to identify seasonal trends and improve forecast accuracy.
<b>Customer Churn Prediction:</b>	Used <b>Pandas</b> and <b>Matplotlib</b> to analyze retail sales data, identifying seasonal trends to improve forecasting insights.
<b>Power BI Dashboard for Business Insights:</b>	Created an interactive dashboard to visualize key performance indicators and support business decision-making.

## CERTIFICATIONS

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