

SWETHA GAYATRI KANDIKONDA

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OBJECTIVE

Senior Data Analyst with 4 years of experience developing robust data pipelines with Python and SQL and presenting actionable insights with Power BI and Excel. A Microsoft Azure Certified professional and 2019 Smart India Hackathon winner, currently pursuing an M.Sc. in Data Science and actively seeking internship opportunities.

EXPERIENCE

Senior Data Analyst

LTIMindtree

July 2022 – July 2024

Hyderabad, India

- Saved 10% in analyst time by building an LLM classifier using prompt engineering to identify and divert non-actionable support tickets.
- Enabled timely analytics for 100GB+ datasets through data preparation, orchestrating distributed ETL pipelines with Python and PySpark on Azure Databricks.
- Improved data reliability by 75% through schema analysis using Python, by engineering a data extraction and validation framework.
- Elevated query performance 18% via data manipulation, optimizing complex SQL joins and indexing strategies within Azure Synapse Analytics for faster data retrieval.
- Accelerated executive decision-making by 22% through a custom solution design, developing automated Power BI dashboards with drill-through KPIs from various data sources.
- Boosted actionable insights by 25% through statistical analysis, applying advanced functions, data validation, and lookup formulas in Excel models to interpret business datasets.

Azure Cloud Engineer

LTIMindtree

December 2020 – July 2022

Hyderabad, India

- Improved customer response time by 34% through business needs identification, implementing event-triggered workflows in Azure Logic Apps to instantly process support tickets.
- Amplified data processing efficiency by 12% via a serverless architecture, developing scalable Azure Function Apps in Python to handle over 100 daily API requests.
- Cut operational costs by 7% through quantitative analysis, identifying process inefficiencies and presenting problem-solving solutions to customers based on SQL queries.
- Reduced cloud infrastructure deployment time by 40% through infrastructure-as-code practices, automating resource provisioning and configuration management using custom Azure PowerShell scripts.

PROJECTS

Lending Club - Loan Defaulter Classification

July 2025 – September 2025

- Developed a predictive model using Machine learning that classified loan defaulters with 84% F1 score by leveraging scikit-learn.
- Streamlined model performance by strategically reducing the feature space from 150 to 40, using advanced feature engineering.
- Improved final model F1-score by 8% using KNN imputation to treat missing values and statistical methods to remove outliers.

Deep Semantic & Collaborative Recommendations for E-commerce

August 2024 – April 2025

- Developed a hybrid model to solve the cold-start problem, boosting recommendation coverage for new items in the catalog to 90%.
- Leveraged Generative AI to author enhanced product descriptions, resulting in a 50% lift in the final Precision@k metric.
- Achieved 23% Precision@k, by implementing a weighted formula to combine user behavior and content embedding similarity scores.

EDUCATION

Master of Science in Data Science

Vellore Institute of Technology (GPA: 9.16)

Vellore, TN

August 2024 – April 2026

Bachelor of Technology in Computer Science

CVR College of Engineering (GPA: 8.68)

Hyderabad, TG

July 2016 – April 2020

SKILLS

Programming

Python, SQL, R, C#, ADO.NET, Data Structures and Algorithms, Problem Solving

Machine Learning

Regression, Classification, Feature Engineering, Statistical analysis, Data Visualization, EDA, Cross validation, Natural Language Processing, Deep Learning, Neural Networks, LLMs, Generative AI, Prompt Engineering

Libraries

NumPy, Pandas, Matplotlib, Seaborn, XGBoost, PyTorch, Transformers, NLTK, spaCy, Ollama, Langchain

Cloud

Microsoft Azure, Databricks, Azure SQL Database, Logic Apps, PowerShell, Azure CLI, Azure Data Lake

Tools & Frameworks

Power BI, Tableau, RStudio, SSMS, MS Excel, Google Sheets, Power Automate, PySpark, Huggingface