

# SATHVIKA SHETTI

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## PROFESSIONAL SUMMARY

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Data Analytics Professional with a Master's degree in Data Analytics and professional experience applying large language models and agent-based systems alongside advanced SQL, Python, Excel, and Tableau capabilities. Proven ability to analyze complex datasets, uncover meaningful patterns, and deliver actionable, data-driven insights that support informed business decision-making and strategic initiatives.

## EDUCATION

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### Master of Science in Data Analytics

Clark university, United States

#### Relevant Coursework:

Linear Regression, Statistical Analysis, SQL, Python for Data Analysis, Tableau

### Bachelor of Technology (BTech) in Electronics and Communication Engineering

Keshav Memorial Institute of Technology, India

## PROJECTS

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### Product Usage & Customer Retention Analysis (SQL, Tableau, Excel)

Analyzed user behavior data to evaluate product engagement, conversion, and retention

Built SQL queries to identify active users, repeat customers, and drop-off points

Developed a Tableau dashboard to track key product metrics and user funnels

Delivered insights to support data-driven product decisions

### Domain-Specific Q&A Chatbot

Build a chatbot trained via prompting and retrieval over a specific corpus (policies, research papers, legal docs).

Key features: document ingestion, chunking, embeddings, semantic search, citations.

Shows: prompt engineering, embeddings, RAG fundamentals.

### Market Basket & Product Recommendation Analysis (Python, SQL)

Analyzed customer purchase patterns to identify frequently co-purchased products

Generated insights to support cross-selling and product bundling strategies

Translated analytical findings into business recommendations

## TECHNICAL SKILLS

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### Data Analysis & Programming

Python (Pandas, NumPy, LangChain), SQL

### Data Visualization & BI

Tableau, Advanced Excel

### Tools

Jupyter Notebook, PowerPoint

## CERTIFICATIONS

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- Multi-Agent Orchestration with OpenAI SDK
- Agentic AI in Production: Build, Deploy & Manage Autonomous AI Systems
- Tableau