

Sakshi Chavan

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EDUCATION

Binghamton University

Master of Science in Computer Science

Aug 2022 - May 2024

Binghamton, NY

TECHNICAL SKILLS

Programming & Tools : Python, SQL, C, C++, Git, Visual Studio Code, Databricks, Azure Data Factory, JIRA

Data Management & Visualization : Microsoft SQL Server, MySQL, Power BI, Tableau, Looker, Excel, SAP ERP

Analytics & Applied Skills : ETL , Data Modeling, KPI Reporting, EDA, A/B Testing, Data Cleaning, API Integration, Prompt Engineering, LLM Integration, RAG (Retrieval-Augmented Generation), Web Scraping

Certifications : Microsoft – Data Analysis, Project Management, Generative AI, Machine Learning

EXPERIENCE

Apex Systems- (Client-Mckesson)

Feb 2025 - Present

Data Analyst

New York, NY

- Engineered SQL scripts to reconcile 5M+ healthcare records, improving data accuracy and operational efficiency of 340B pharmaceutical transactions through compliant tracking and crediting of eligible medications
- Collaborated with 10+ cross-functional teams to deliver data-driven enhancements for pharmacy operations and credit workflows
- Constructed and orchestrated modular ETL pipelines in Azure Data Factory to migrate datasets from SQL Server to Databricks, enabling reusable, scalable workflows across multiple source systems
- Integrated SQL Server and Databricks data into Power BI to automate VRR reporting, reducing manual effort by 30% and improving visibility into KPIs like accumulation trends and reconciliation discrepancies

Bunchful Enterprise

Dec 2024 - Feb 2025

Data Science Intern

New York, NY

- Designed and developed a multi-AI agent system using LangChain, LlamaIndex, LLMs, and RAG, implementing retrieval techniques and workflow orchestration to enhance accuracy, collaboration, and decision-making
- Built 15+ domain-specific AI agents for marketing, philanthropy, and social media using prompt engineering and task-specific logic to generate content, analyze campaigns, and support stakeholder workflows
- Fine-tuned prompts and parameters, improving agent performance through evaluation and contextual optimization

Binghamton University

Jun 2024 - Dec 2024

Research Data Associate

Binghamton, NY

- Analyzed 10K+ POS transaction records using Python to uncover trends in customer behavior and product-level sales performance
- Automated the cleaning, transformation, and validation of weekly CSV files using Python scripts, streamlining the data preparation workflow and improving processing efficiency and consistency by 90%
- Implemented Tableau dashboards to track revenue trends and key operational metrics, supporting inventory and staffing decisions

Techbee Consulting

May 2021 - Jul 2022

Data Analyst

Maharashtra, India

- Executed data and reporting tasks within Agile sprints using JIRA; analyze business processes, identifying gaps, and implementing automation to improve workflow efficiency by 25%
- Analyzed 1M+ records with SQL to deliver KPIs and ad-hoc reports, boosting marketing efficiency by 25%
- Optimized SQL queries and developed interactive Power BI dashboards to visualize real-time trends, resolve performance bottlenecks, and accelerate execution time by 40% across sales and marketing operations

PROJECTS

Sales Data Analysis [Github Link](#)

- Reviewed sales data applying Python libraries(NumPy, Pandas, Matplotlib, Seaborn) and advanced EDA techniques
- Built ML models (Random Forest, Decision Tree, KNN) attaining a 87% accuracy in predicting product categories

Health monitoring & Analysis [Github Link](#)

- Uncovered insights from 100,000+ health records and enhanced cardiovascular risk assessment through Python and pandas analysis of demographic and health metrics
- Devised strategies like median imputation and categorical feature enhancement, employing seaborn and matplotlib for visualizations, resulting in a 15% boost in model accuracy for health status categorization