Sakshi Chavan

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EDUCATION

Binghamton University   **Aug 2022 - May 2024**
Master of Science in Computer Science   *Binghamton, NY*

TECHNICAL SKILLS

Programming Tools : Python, SQL, C, C++, JavaScript, HTML, CSS, Visual Studio Code, Git, Databricks

Data Management Visualization : MySQL, Snowflake, Microsoft SQL Server, Power BI, Tableau,Looker, Excel, SAP HANA, SAP ERP, Matplotlib, Seaborn, BeautifulSoup, Scrapy

Analytics Applied Skills : ETL Processes, A/B Testing, KPI Reporting, Web Scraping, API Integration, Data Cleaning, Process Improvement, EDA (Exploratory Data Analysis), Google Analytics, SEO, E-commerce Analytics, Machine Learning

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

EXPERIENCE

Apex Systems- (Client-Mckesson)   **Feb 2025 - Present**
Data Analyst   *New York, NY*
- Improved data accuracy and efficiency of **pharmaceutical Drug transactions** under the **340B Program** for **McKesson** by optimizing large datasets with **SQL** for compliant tracking and crediting of eligible medications
- Collaborated cross-functionally with 7+ teams across **Macro Helix** and **McKesson** to translate business requirements into data-driven solutions, supporting informed decision-making across pharmacy and compliance teams
- Designed and maintained 10+ interactive **Power BI** dashboards by integrating data from **SQL Server, Excel, and Databricks**, delivering real-time insights into VRR transactions and improving operational visibility
- Developed monthly scheduled Power BI reports to track key metrics such as **accumulation trends** and **reconciliation discrepancies**

Bunchful Enterprise   **Dec 2024 - Feb 2024**
Data Science Intern   *New York, NY*
- Devised 15+ **AI Agents** using **LangChain, LlamaIndex, LLMs**, and **RAG** to optimize Workflows and ensure scalability
- Tracked agent behaviours in **Excel** using **VLOOKUP, PivotTables** etc to streamline analysis and improve workflow transparency
- Outlined **AI workflows**, integrating **APIs** for real-time processing to enhance system efficiency and agent interaction

Binghamton University   **Jun 2024 - Dec 2024**
Research Data Associate   *Binghamton, NY*
- Analyzed 10k+ customer records using **SQL** and **Python** to identify key trends and anomalies in the database structure
- Built **Tableau** dashboards to visualize trends and preferences, resulting in a **25%** increase in retention and a **70%** boost in repeat purchases through targeted data insights
- Engineered automated **web scraping** scripts using **Python** libraries **(BeautifulSoup, Scrapy)** to collect data from websites, reducing manual data entry by 90% and improving data accuracy

Techbee Consulting   **May 2021 - Jul 2022**
Junior Data scientist   *Maharashtra, India*
- Amplified marketing efficiency by **15%** for an **e-commerce social media client** by analyzing 100,000+ social media posts using **SQL, SAP HANA, and Excel**; delivered actionable KPIs and ad-hoc reports that influenced strategic decisions
- Optimized **SQL** queries and resolved performance bottlenecks, reducing execution time by 40% and enhancing report refresh rates
- Created **dashboards** and Crafted reports using SaaS tool **Power BI**, delivering insights to identify top content and marketing trends

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