Aditya Khajanchi . Jarvis Consulting

I am a curious, detail-oriented, and enthusiastic professional with strong communication and collaboration skills. I enjoy taking on new challenges and solving business problems that drive meaningful impact and support organizational goals. Proficient in SQL, Python, Advanced Excel, Power BI, and other analytical tools, I analyze requirements, identify patterns, derive actionable insights, and recommend process improvements to support data-driven decision-making. Across my academic and professional experiences, I have contributed to cross-functional projects through leadership, stakeholder engagement, and adaptability in fast-paced environments.

Skills

Proficient: Python, Reporting, Presentations, RDBMS/SQL, Advanced Excel, PowerQuery, Agile/Scrum, Git

Competent: MS SQL Server, VISIO, Tableau, PowerBI, Looker, Trello, Documentation, Azure AI Services

Familiar: R, Firebase, Snowflake, JIRA, MS Project, Technical Writing

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_AdityaKhajanchi

Cluster Monitor [GitHub]: Developed an automated monitoring solution for the Linux Cluster Administration (LCA) team to track hardware specifications and real-time resource usage across Rocky Linux servers. Integrated Bash scripts with PostgreSQL to store data persistently, using Docker for containerized deployment and crontab for scheduled execution. Leveraged Git for version control and implemented a scalable system that supports performance analysis, reporting, and future capacity planning. Demonstrated proficiency in Linux system administration, scripting, database management, and DevOps practices.

In progress [GitHub]: In Progress

Springboot App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Interactive Crime Map for Chicago [GitHub]: Developed an interactive Chicago crime heatmap dashboard using Dash and Plotly, allowing users to filter data by crime type, month, or view all available data. Leveraged real-time data from the City of Chicago's public API, utilizing Pandas for data manipulation and Plotly's density_mapbox for visualizing crime density on an interactive map. Implemented dynamic dropdowns, checklists, and callbacks to enable real-time filtering and updates. Integrated Mapbox for precise geographical mapping and customized the user interface with CSS for an enhanced user experience. The dashboard provides a comprehensive view of crime trends and hotspots across the city.

Superstore Dashboard [GitHub]: Collaborated with a team of 7 to develop the Global Superstore Dashboard, an interactive data visualization tool aimed at providing in-depth insights into sales, profit, shipping, and customer segmentation for a global retail operation. Using Dash and Plotly, we built a dynamic dashboard that allows users to explore Year-to-Date (YTD) metrics, such as total sales, orders, and products sold, alongside key performance indicators like sales growth and shipping time. Leveraging Pandas for data processing, we incorporated advanced charts, including area charts, sunburst, funnel, and waterfall plots, to visually present trends, geographical distributions, and customer behavior. The dashboard also integrates dynamic filters, allowing users to select different report types and years for flexible data exploration. This project successfully delivered an intuitive platform for management to analyze real-time business performance and make informed decisions.

Professional Experiences

Software Developer, Jarvis (2025-present): This section is currently in progress. More content will be added soon. Thank you.

Data Analyst, Geopogo (2022-Present): Collaborated to develop a Tableau dashboard displaying KPIs from 12+ data sources for stakeholders, including investors, senior management, and team leads. Implemented an ETL pipeline to semi-automate data transformation, reducing manual data entry by 50% and saving up to 5 hours weekly Streamlined data management for ZoneQuestAI by implementing batch imports/exports and scheduled backups in Firebase, enhancing process efficiency, data integrity, and accessibility Identified key usage and engagement trends that led to a 15% increase in engagement and 25% increase in organic growth through data-driven recommendations Contributed to the research, extraction, and implementation of GIS data from publicly available sources to integrate into the latest release

Analyst, Coordinator, Software Engineering , Architecttura Architects (2021-2022): Implemented an Excel productivity tracker for LiDAR scanning projects, reducing project turnaround time by 35% Developed and maintained a Power BI dashboard, presenting insights on operational efficiency and project timelines to senior management in weekly meetings Coordinated 25+ projects, managing initiatives over $10MM for The City of Windsor and $30MM for Ontario School Boards Liaised with internal and external project stakeholders to improve process efficiency Maintained clear and concise documentation and user guides for knowledge transfer

Technical Support Advisor, Concentrix (2020-2021): Developed strong problem-solving skills by creating, updating, and efficiently resolving IT support tickets for users with iOS, macOS devices, while exceeding SLA requirements by 12%

Education

St. Clair College (2019-2020), Post-graduate Certificate, Data Analytics for Business - GPA: 3.8/4.0

Ahmedabad University (2015-2018), Bachelor of Computer Application, Computer Science - GPA: 3.5/4.0

Miscellaneous

- Udacity Machine Learning (2019)
- Winner
- Basketball player
- Competitive gaming
- Volunteer, ABC Food bank: Ut enim ad minim veniam