

Aadithya Vidyasagar

aadithyavs@gmail.com | 945-233-0916

[LinkedIn](#) | [Portfolio](#)

EDUCATION

University of Texas at Dallas, Richardson, TX

Aug 2021 - May 2023

Masters in Business Analytics (Scholar with High Distinction)—3.918/4 (CGPA)

Visvesvaraya National Institute of Technology, Nagpur, India

July 2014 - Nov 2018

Bachelors in Electrical and Electronics Engineering

EXPERIENCE

Data Analyst - NetApp Inc (Tech Stack - SQL, Excel, Tableau)

Oct 2020 - Jun 2021

- Developed and maintained robust revenue reporting dashboards using Excel and Tableau, effectively visualizing key performance indicators (KPIs) and providing real-time revenue analytics to stakeholders.
- Utilized SQL queries and Excel functions to analyze revenue trends, resulting in a 40% reduction in data processing time and a 25% improvement in accuracy and efficiency of revenue calculations.
- Conducted in-depth ad hoc analyses to investigate revenue drivers, pricing strategies, and customer behavior, resulting in data-driven recommendations to optimize revenue growth and profitability.
- Streamlined the monthly revenue reporting process by developing standardized templates and workflows, reducing reporting time by 20% while improving the accuracy and accessibility of revenue data.
- Presented revenue insights and performance metrics to stakeholders through clear and concise reports, enabling informed decision-making and supporting strategic planning initiatives.

Associate IT Consultant - ITC Infotech India Limited (Tech Stack - SQL, Excel)

Feb 2019 - Jun 2020

- Conducted in-depth analysis of business processes and requirements within the investment banking domain, collaborating with stakeholders to gather and document business needs, resulting in improved overall efficiency.
- Developed comprehensive business requirements documents (BRDs) and functional specifications, ensuring clear and concise communication between business users and technology teams for successful system development and implementation, with a 95% accuracy rate in translating business requirements into technical specifications.
- Collaborated with data engineering teams to design and optimize SQL database structures, ensuring efficient storage and retrieval of financial data, resulting in a 20% improvement in database performance.
- Conducted user acceptance testing (UAT) to validate system functionality and ensure alignment with business requirements, coordinating test scenarios and test execution, resulting in a 95% defect detection rate, successful system implementations, and a 20% reduction in post-production issues.
- Documented test plans, test cases, and test results, ensuring comprehensive and up-to-date documentation for future reference and audit purposes.

PROJECTS

EV Station Location Recommendation - Python, ArcGIS, Excel, Tableau

Personal Project

- Researched, analyzed, and visualized California's charging station model using Tableau. Developed a Python-based machine learning model to predict the ideal number of charging stations. Integrated geospatial analysis to recommend optimal locations for an efficient EV charging station network.

ADX and PPO Patterns Exploration in Stock Market Data - Python, Snowflake

Personal Project

- Conducted in-depth stock market data analysis, extracting OHLC data for various stock tickers/symbols and time frames. Utilized Snowflake Virtual Warehouse for efficient data storage. Used Python with TA-Lib for technical analysis and developed a custom function to identify ADX and PPO convergence and divergence patterns. Analyzed price behavior post-divergence, gaining valuable insights into potential trading opportunities.

Inflation & Price Time Series Data Analysis - Alteryx, Excel *Goldman Sachs Project, UTD Alteryx Datathon*

- Leveraged Alteryx to forecast inflation and prices across diverse industries in both pre and post-pandemic periods. Conducted comprehensive data collection and statistical analysis, employing time series techniques to gauge the pandemic's impact. The project's results shed light on industry-specific trends, offering crucial insights to aid informed decision-making for stakeholders.

SKILLS

- **Languages** - Python, R Programming, SQL, SAS, STATA
- **Database and Data Engineering** - MySQL, Microsoft SQL Server, Hive, Impala, Spark, Snowflake (Basics)
- **IDEs and Tools** - Jupyter Notebook, VS Code, RStudio, ArcGIS, Tableau, MS Excel, Alteryx Designer, GitHub
- **Analytics** - Supervised learning, Unsupervised Learning, Data Extraction, Data Exploration, Data Cleaning, Data Modelling, Classification Techniques, Neural Networks, Linear regression, Logistic Regression, Regular Expressions
- **Business** - Pipeline Management, Statistical Analysis, Decision Making, Proficient written and verbal communication, Adaptive thinking, Data-driven Storytelling, Problem Solving