

# Aadithya Vidyasagar

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

## EDUCATION

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**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

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**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

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**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.

**Financial Markets Analytics - Python, Snowflake Virtual Cloud (Data) Warehouse**

*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 in risk managing trades.

**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

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- **Languages** - Python, R Programming, SQL, SAS, STATA
- **Database and Data Engineering** - MySQL, Microsoft SQL Server, PySpark, Snowflake Cloud DWH (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