

Mythily Ramanathan

Data Analyst

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SUMMARY

- 4+ Years of experience as a Data Analyst, data-driven decision-making through expert application of SQL, and Power BI for data extraction, cleaning, and analysis.
- Uncover hidden insights and patterns by leveraging diverse packages like NumPy, Pandas, Matplotlib, and Seaborn for data manipulation, and compelling visualizations.
- Bridge the gap between data and actionable insights with proficiency in querying and managing a wide range of databases including MySQL, PostgreSQL, and MS SQL Server.
- Possess a comprehensive skillset encompassing Data Modeling, Data Visualization, and Statistical Data Analysis, to translate data into strategic business value.

SKILLS

Programming Languages: SQL, Python

Packages: NumPy, Pandas, Matplotlib, Seaborn

Databases: MySQL, PostgreSQL, MS SQL Server

Tools: Microsoft Power BI, Excel (Advanced Formulas, Pivot Tables, Power Query, Power Pivot), Tableau

Other Tools & Skills: GIT, JIRA, UAT, MS Office, ETL, OpenAI, Jupyter Notebook, PyCharm, VS Code

Hard Skills: Data Modeling, Data Visualization, Statistical Data Analysis, Google Analytics, Data Analysis

PROFESSIONAL EXPERIENCE

Planck Technology, USA | Data Analyst

01/2022 -Present

- Leveraged Python's versatility and rich library ecosystem of Pandas, and NumPy to streamline data wrangling and analysis, resulting in efficient insights generation.
- Developed interactive dashboards and reports in Power BI, translating complex data into clear and actionable insights for stakeholders, leading to a 20% increase in data-driven decision-making across the organization.
- Provided ad-hoc analysis and reporting support to various departments, including sales, marketing, and finance, to address specific business inquiries and challenges.
- Incorporated OpenAI's GPT models into text generation and summarization tasks, improving content generation efficiency by 20%.
- Analyzed sales and marketing data to identify opportunities for revenue growth and cost optimization, leading to a 15% increase in sales and a 10% reduction in marketing spend.
- Maintained SQL stored procedures and functions for automation of tasks, and business logic implementation.

PTC Solutions, USA | Data Analyst

05/2020 – 12/2021

- Designed and implemented a data collection framework using Google Analytics and SQL, capturing user behavior data to inform website optimization efforts.
- Conducted exploratory data analysis and visualization using Tableau, uncovering key trends and patterns in customer behavior.
- Conducted data cleaning, transformation, and validation processes in Excel and Power BI to ensure data accuracy and reliability for reporting and analysis purposes, resulting in improved data quality and integrity.
- Collaborated with cross-functional teams to gather and pre-process data for analysis, including data cleaning, and data wrangling.
- Developed and maintained complex data models in Microsoft SQL Server to support financial reporting and budgeting processes, ensuring data accuracy and consistency for informed financial decisions.
- Conducted regular data analysis workshops for stakeholders, effectively translating technical concepts into actionable insights and fostering a data-driven culture within the team.

PROJECTS

Unlocking Market Potential | Consumer Goods Domain | SQL | Power BI

[LinkedIn](#) | [Github](#) | [Presentation](#)

Healthcare | HCAHPS Survey Analysis | Power BI

[LinkedIn](#) | [Github](#) | [Dashboard](#)

Sales Analysis and report design | FMCG | MS Excel

[LinkedIn](#) | [Github](#)

CERTIFICATION

[Data Visualization Challenge](#) | Codebasics | 2nd Rank

[SQL Intermediate](#) | HackerRank

EDUCATION

Bachelor of Engineering, Electronics and Communication Engineering

May 2005 – May 2009

Anna University, Chennai, India