

SAIMOHAN S

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Data Analyst with 3.4 years of experience streamlining data processes and delivering **actionable insights** through optimized **SQL queries** and **Python**. Skilled in developing ETL scripts for data transformations and proficient in **data visualization** using tools like **Tableau**. Known for strong **analytical abilities**, efficient **data wrangling**, and collaborating with cross-functional teams to solve complex data challenges and support **strategic decision-making**.

WORK EXPERIENCE

Data Analyst	Infosys Limited	Jul 2021 -Nov 2024
<ul style="list-style-type: none">Performed data analysis by writing optimised SQL queries, reducing data analysis time by 40% and providing valuable business insights to stakeholders.Automated data quality checks and reconciliation processes using Python, increasing data accuracy in UAT, Parallel, and Production environments.Developed and maintained Python scripts for ETL processes, handling large-scale data transformation for the data platform, improving data processing efficiency.Extensive experience in SQL, and Python for complex dataset analysis, processing and manipulation.Performed and executed the POC successfully to visualise the data fetched from the database, using Python libraries like Plotly, Dash, Pandas, Numpy.Effectively collaborate with cross-functional teams to identify and solve challenging data-related issues, fostering a shared problem-solving approach.Collect and wrangle data from various sources, clean and prepare data, perform data analysis using statistical methods and visualization tools.		

PROJECTS

Supermarket Sales Analysis	Jul 2024
<ul style="list-style-type: none">Conducted comprehensive analysis of 10K+ transactions , performing rigorous data cleaning and identifying purchasing patterns, trends, leading to a 20% improvement in inventory forecasting accuracy and optimized regional product placement strategies. <p><u>Project Link</u></p>	
E-Commerce Customer Analysis and Segmentation	Oct 2024
<ul style="list-style-type: none">Developed a comprehensive understanding of customer behaviour patterns and segment customers into meaningful groups for targeted marketing strategies.Created a dashboard using Tableau Public. <u>Dashboard</u> <p><u>Project Link</u></p>	

SKILLS

- Data Analysis & Processing:** Python (Pandas, Numpy), SQL, PySpark, ETL.
- Data Visualization:** Tableau, Matplotlib, Plotly,Dash.
- Development Tools:** Jupyter Notebook, Jenkins, Visual Studio Code, Jira, GIT.
- Databases & Big data:** Oracle SQL Developer, DbVisualizer, Hadoop, Hive.
- Cloud Technologies:** AWS Lambda, AWS Glue, AWS Step Functions, S3.

EDUCATION

Bharathiyar University B.Sc Computer Science	Jul 2018 -Jun 2021
<ul style="list-style-type: none">Pursued B.Sc. in Computer Science, honing skills in programming, data analysis, and problem-solving to thrive in the tech industry.Obtained a 8.0 CGPA in the course.	