

SAHIL SRIVASTAVA

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Result-driven Data Analyst with 3+ years of experience in data analysis, visualization, and actionable business insights. Proficient in using SQL, Power BI, and Python to transform complex datasets into meaningful solutions. Expertise in database management, cloud platforms, and advanced Excel for efficient reporting and decision-making. Skilled in data storytelling, cross-functional collaboration, and delivering insights that drive outcomes.

TECHNICAL SKILLS

• Power BI	• Advanced Excel	• Python	• Data Modelling
• Power Query (M- Query)	• MySQL	• Pandas	• Data Visualization
• DAX	• Azure	• NumPy	• Data Cleaning
• ETL	• Statistics	• Matplotlib	• Data Storytelling

WORK EXPERIENCE

Lead Engineer HCLTech (Client: Microsoft)	07/2024 – Present
<ul style="list-style-type: none">Analyzed large datasets to identify patterns and deliver actionable insights, driving process improvements and supporting strategic decision-making.Optimized SQL queries for Microsoft’s internal reporting by applying indexing and query tuning techniques, improving data retrieval speed by 20% and enhancing dashboard performance.Maintained and optimized 450+ test cases for Outlook (Dynamics 365) across multiple browsers, reducing compatibility issues and increasing the pass rate from 69% to 95.4%. Provided development support to streamline issue resolution.	
Associate Cadmaxx (Client: Microsoft)	05/2022 – 06/2024
<ul style="list-style-type: none">Designed and developed a Chrome extension tool to automate incident creation on Microsoft’s internal platform, reducing manual effort by 50% and streamlining operational processes.Processed and transformed client data using DAX and Excel, ensuring data completeness, accuracy, and consistency across reports, resulting in reliable performance tracking and increased stakeholder confidence.Built ETL pipelines using Python and SQL to clean and transform multi-source datasets, reducing processing time by 25%. Conducted EDA to identify trends, improving reporting accuracy by 15%.	

PROJECTS

Ola Ride Data Analytics and Visualization Link
<ul style="list-style-type: none">Developed an interactive Power BI dashboard to analyze OLA ride data, providing insights on ride volume trends, revenue streams, cancellation patterns, and customer-driver ratings.Leveraged SQL to extract and analyze key metrics such as booking status, ride cancellations, vehicle performance, and revenue distribution across payment methods.Analyzed cancellation reasons for customers and drivers, uncovering operational inefficiencies and recommending data-driven solutions to improve ride completion rates.
Revenue Insights Dashboard for ITC Hotels Link
<ul style="list-style-type: none">Utilized Power Query and DAX to clean, transform, and model large volumes of hotel revenue data, ensuring accuracy and consistency for analysis.Developed interactive visualizations and key performance indicators (KPIs) to track critical metrics, including occupancy rates, revenue streams, and customer trends.
Comprehensive Data Analysis and Visualization using Jupyter Notebook Link
<ul style="list-style-type: none">Performed data cleaning, preprocessing, and exploratory data analysis (EDA) on multiple datasets using Python libraries like Pandas, Matplotlib, and Seaborn, ensuring data quality and uncovering key insights.
Sorting Visualizer Link
<ul style="list-style-type: none">Developed an interactive web application using JavaScript to visualize and compare the step-by-step execution of sorting algorithms such as Bubble Sort, Quick Sort, and Merge Sort, enhancing user understanding of algorithmic efficiency.Demonstrated analytical concepts by illustrating key differences in time complexity and sorting logic, leveraging the visualizer as an educational tool for algorithmic learning and debugging.

EDUCATION

Bachelor of Technology in Computer Science Engineering	07/2017 – 08/2021
DR APJ ABDUL KALAM TECHNICAL UNIVERSITY CGPA: 8.04/10	
Time Management Adaptability Problem Solving Teamwork Creativity	

CERTIFICATIONS

• HackerRank SQL (Intermediate - Link Basic - Link)
• HackerRank Python Basic Link
• Deloitte Australia Data Analytics Link