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**

- 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**

- **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

- 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

- **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

- 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

- **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.

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

- **Microsoft Certified**: Azure Data Fundamentals (DP-900) | **Link**
- **HackerRank SQL** Intermediate | **Link**
- **HackerRank Python** Basic | **Link**
- **Deloitte Australia** Data Analytics | **Link**
- **HackerRank SQL** Basic | **Link**