

RUPAL SINGH

Data Analyst

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Proven **2+ years** of experience as a **Data Analyst** in an **IoT Smart City Project**.

Skills

SQL - PostgreSQL | MySQL | Power BI - DAX | Excel - Power Query | Pivot Table | LOOKUP's | Python - Pandas | NumPy | ETL - Pentaho DI

Experience

Wipro
Data Analyst

Bengaluru
2021 - Present

- Conducted **historical** and **predictive** analysis on millions of data points discovering patterns in data sets utilized to formulate assumptions and make modifications.
- Designed and created **automated ETL processes** maintaining complex queries and aiding in the transition from one data warehouse to another resulting in a 40% increase in data accessibility and reducing data transfer time by **30%**.
- Developed and maintained **complex queries**, functions, and **stored procedures** using **SQL** to analyse day-to-day data resulting in a **20% client satisfaction rate**.
- Developed and maintained interactive **dashboards** and **visualizations** to spot anomalies, correlations and make data-driven decisions timely causing a **20% increase in data accuracy and accessibility**.
- Received recognition for exceptional performance in **Agile** project management, including an award for outstanding contribution to team efficiency.

Projects

Business 360 dashboard - AtliQ Hardware

SQL | Power BI | Excel | DAX

[Link](#) to my dashboard

- Customized a multi-functional Power BI dashboard to analyze AtliQ hardware's sales trends in different departments such as finance, sales, marketing, and supply chain gathering data from 2 different sources including **Excel** spreadsheets and **SQL** databases.
- Built data models and visualizations in **Power BI** with **customized DAX** measures leading to report optimization by **5%**.
- The business outcome by data analysis resulted in a significant improvement of **10%** in revenue, indicating enhanced decision-making, increased efficiency, and better strategic alignment.

Hotel Analysis - AtliQ Grands

Python | Pandas

- Utilized **pandas** library for data manipulation, cleaning, and transformation, including tasks such as removing **outliers**, inconsistencies, data merging, and filtering from **CSV** and **Excel** file sources reducing data redundancy by **30%**
- Conducted **Exploratory Data Analysis (EDA)** using Pandas to gain insights into hotel operations and customer behavior. Explored key metrics such as revenue trends, occupancy rates, and booking patterns.
- Leveraged pandas functions in creating insightful visualizations using **Matplotlib** leading to an increase in data availability by 10% and operational improvements by 5%.

Education

Bachelor of Computer Applications (BCA)
MAKAUT University | GPA – 8.86

Kolkata, WB
2018 - 2021

Certifications

- The Complete SQL Bootcamp | Udemy
- Advanced Excel Formulas & Functions | Udemy
- Power BI Data Analytics | CodeBasics.io
- Python Certification | CodeBasics.io