



SAKIB AHMED

DATA ANALYST



CONTACT

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🌐 [Portfolio](#)

📍 Ashulia, Savar, Dhaka

Summary

I analyze data using Python, SQL, Power BI, and Excel, with additional expertise in Git and MS SQL Server Management Studio. My projects span diverse domains, combining technical precision with storytelling and critical thinking. As a collaborative team player and competitive programmer, I aim to turn data into actionable insights that drive innovation.

Projects

Car Sales Analysis

- Cleaned and analyzed a dataset of 10,000 car sales using Python (pandas, matplotlib).
- Created KPIs and interactive dashboards in Power BI to identify pricing trends and customer preferences.
- Improved data preprocessing efficiency by 20% through optimized pivot tables and grouping functions.

Inventory Management

- Analyzed and preprocessed Ryan's Inventory dataset using Python (pandas, numpy) to evaluate performance index, stock levels, and market share.
- Developed interactive visualizations and KPIs in Power BI to highlight critical inventory metrics and trends.
- Delivered clear, data-driven reports that enabled strategic inventory management and decision-making.

Analyze Customer Purchase Pattern

- Processed and analyzed inventory dataset using Python (pandas, matplotlib) to uncover customer behavior patterns through pivot tables and grouping.
- Created detailed visualizations of seasonal trends, payment preferences, and transaction patterns.
- Delivered actionable business insights to inform strategic decision-making.

Supply Chain Analysis

- Cleaned and analyzed supply chain data using Python (pandas) to evaluate supplier performance, product stock levels, and transportation times.
- Identified key products through pivot tables and data grouping techniques.
- Developed interactive dashboards and visualizations in Power BI to track KPIs and optimize supply chain efficiency.

Hotel Reservation Trend Analysis

- Cleaned and preprocessed extensive hotel reservation data using MS Excel.
- Built interactive Power BI dashboards to reveal booking trends, cancellation rates, guest demographics, and revenue metrics.
- Analyzed Kaggle data to identify seasonal peaks and customer behavior, driving recommendations that optimized marketing, reduced cancellations, and improved guest retention.

Certifications

Data Analyst Associate – **DataCamp** (2024)

SQL (Silver Badge, 4-Star) – **HackerRank** (2024)

Education

● Diploma in Engineering 2018 – 2022

Chapainawabganj Polytechnic Institute

Courses: Databases, Mathematics, Python Programming, Data Structure, SQL

● Bachelor of Science in Software Engineering

Daffodil International University 2024 – Now

Courses: Statistics, Data Structure, Linear Algebra, OOP, Algorithm Design

Technical Skills

- Python (pandas, matplotlib, seaborn)
- MySQL
- MS Power BI
- MS Excel
- Git

Data Skills

- Data Cleaning
- Data Preprocessing
- Exploratory Data Analysis
- Statistical Analysis
- Data Visualization
- Reporting

Tools

- MS SQL Server
- Google Sheet
- Jupyter Notebook
- Github