

MD ZAHID HASAN

Data Analyst | BI Analyst

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Aspiring Data Analyst with strong skills in SQL, Excel, Power BI, and Python. Experienced in data cleaning, exploratory data analysis (EDA), and building data visualizations to extract meaningful business insights. Passionate about using data to support data-driven decision making and business performance improvement.

SKILLS

- Programming & Query Languages:** SQL (MySQL), Python (Pandas, NumPy, Matplotlib)
- Data Analysis & Statistics:** Exploratory Data Analysis (EDA), Data Cleaning, Data Transformation, Statistical Analysis
- Data Visualization & BI Tools:** Microsoft Power BI, Microsoft Excel, Data Visualization, Dashboard Development
- Database & Data Modeling:** Relational Database Design, Data Modeling, SQL Joins, Aggregations, Subqueries, Window Functions
- Tools & Platforms:** Git, GitHub, Jupyter Notebook, VS Code, Google Sheets
- Data Engineering Fundamentals:** ETL Concepts, Data Warehouse Basics

PROJECTS

Library Management System (SQL Database Project)

(01/02/2026 – 06-02-2026)

[Source Code](#)

- Designed and implemented a **relational database system** for managing library operations.
- Created multiple interconnected tables including **Books, Members, Employees, Branches, Issued Status, and Return Status** using **primary and foreign key relationships**.
- Developed **complex SQL queries** to analyze library activity such as issued books, overdue records, and member borrowing patterns.
- Implemented **stored procedures** to automate book issuing and return tracking processes.
- Applied **database normalization** to maintain data consistency and reduce redundancy.
- Generated analytical reports using **aggregation queries and CTAS (Create Table As Select)**.

Technologies:

MySQL | SQL | Database Design | Stored Procedures | Data Analysis

University Student Caffeine Intake Analysis

(08/11/2025 – 21-11-2025)

[Source Code](#)

- Performed **data analysis on a university student dataset using Microsoft Excel** to study caffeine consumption patterns.
- Cleaned and organized raw data using **Excel functions and data filtering techniques**.
- Conducted **exploratory data analysis (EDA)** to identify trends in caffeine intake among students.

- Used **Pivot Tables and summary statistics** to analyze relationships between caffeine consumption and student lifestyle factors.
- Created **data visualizations (charts and graphs)** to present insights clearly.
- Extracted key insights on **caffeine consumption trends and behavioral patterns among students**.

Technologies:

Microsoft Excel | Data Cleaning | Pivot Tables | Data Visualization | Exploratory Data Analysis

E-commerce Business Sales Analysis

(31/12/2025 – 31-01-2026)

[Source Code](#)

- Performed **retail sales data analysis using SQL** to identify trends and business insights.
- Used **SQL queries (JOIN, GROUP BY, aggregate functions)** for sales performance analysis.
- Identified **top-selling categories, high-value customers, and monthly sales trends**.
- Conducted **data cleaning and exploratory analysis** to support data-driven decisions.

Technologies:

SQL | MySQL | Data Cleaning | Exploratory Data Analysis | Business Analytics

EDUCATION

Gopalganj Science & Technology University (GSTU)

April 2022 – June (Expected) 2026

BSc in Computer Science and Engineering

Gopalganj, Dhaka, Bangladesh

CERTIFICATIONS

Data Analyst with SQL

Farhan's Academy

[Link](#)

Data Analysis, Data Warehouse Design (ETL), Data Visualization (Microsoft Power BI), KPI Problem Solve (MySQL Database).

Introduction to Python

Analytics Vidhya

[Link](#)

Completed a beginner-level Data Science course covering core Python programming fundamentals such as operators, variables, data types, control structures, and essential concepts used in data analysis.

EXPERIENCE

Teaching Assistant – EDGE_GSTU CSE Digital Skills Training

Dec 2024 – Jan 2025

- Assisted instructors in delivering digital skills training, guided students in labs, and supported practical exercises and assignment evaluations.

LANGUAGES

- Bengali: Native
- English: Good (Reading, Writing, Speaking)