Shaikh Rezwan | Data Analyst

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Highly motivated Digital Engineering graduate student with excellent interpersonal skills, skilled at recording, interpreting, and analysing data in a fast-paced environment. Experienced in preparing detailed documentation and reports while managing complex data analyses.

KEY SKILLS

- Microsoft Excel/Google Sheets, PowerPoint.
- SQL (PostgreSQL, MySQL).
- Python, R Programming, GitHub.
- Tableau Public/Power BI.
- Exploratory Data Analysis, Predictive Modelling, Business Analysis, E-commerce.
- Strong problem-solving, collaboration and critical thinking abilities.
- Team player with excellent communication skills.
- Quick learner and eager to expand knowledge.

RELATED PROFESSIONAL EXPERIENCE

Data Analyst and Validation Lead - Stadtplanungsamt Magdeburg & OVGU   March-June 2022
Project: "How can we improve Traffic Safety?"
- Cleaned, analysed, and visualised raw road traffic data using Google Sheets and Excel.
- Led a team to validate results using SPSS, improving overall traffic safety up to 95 percent.
- Recommended a solution to stakeholders to reduce overall road-maintenance cost by 30 percent.
- Effectively implemented and communicated daily workflow to team members in an agile environment, using progress reporting KPIs, increasing productivity by 80 percent.

Google Data Analytics Specialization, Coursera   January-November 2022
- Analysed and visualised Google Analytics data using spreadsheets, BigQuery Console, and R, then made interactive Dashboards using Tableau which delivered the visualisation effectively.

ACADEMIC EXPERIENCE

M.Sc. Digital Engineering, Otto von Guericke University Magdeburg, Germany   *April 2020-Ongoing*
Specialization in Data Analytics:
• Data Structure and Algorithms • Relational Database Models • Machine Learning • Data Warehouse Technologies

B.Sc. Electrical & Electronic Eng., Islamic University of Technology (IUT), BD   *January 2015-November 2018*
Core courses: • C / C++ programming • Matlab • Accounting • Statistics • Advanced Mathematics

DATA ANALYTICS/SCIENTIFIC PROJECTS

Sentiment Analysis of SQL Validator User Chats and Surveys Using Combined Approaches

- Built machine learning NLP and SVM models using Python, and trained them to label the sentiment of student text chats with at least 86 percent accuracy.
- Cleaned the dataset in Excel, then transformed and visualised it using Python.

Covid 19 Infections and Death Counts

- Analysed world Covid death counts and infection rates of data close to 90,000 rows using Microsoft SQL Server Management Studio.
- Compiled the insights into a dynamic dashboard using Tableau.

Analysis of International Football Results

- Conducted an exploratory data analysis of international football results from 1872 to 2021 to find Home and Away Team winners in Jupyter Notebook using Numpy, Pandas, Matplotlib and Seaborn functions.

LANGUAGES

English – Business Fluent | **Bengali** – Native Speaker | **German** – Intermediate (Level A2)

CERTIFICATION AND COURSES

Data Analysis with Python: Zero to Pandas – Jovian.ml | Data Analyst in SQL - DataCamp