Md Nazmus Sajid

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PROFESSIONAL SUMMARY

Data Analyst with 2+ years of experience transforming complex datasets into actionable insights that accelerate growth and efficiency. Proven track record of boosting revenue by 10%, optimizing reporting workflows by 30%, and improving database management by 25%. Skilled in SQL, Power BI, and Python, with a focus on delivering data solutions that drive measurable business impact.

WORK EXPERIENCE

Data Analyst
Flexiroam | Malaysia
June 2019 – August 2021

● Engineered 50+ relational database schemas, enhancing data accessibility and boosting management efficiency by 25%..
● Automated data extraction and milestone tracking through SQL and Excel, reducing reporting time by 30% and improving accuracy.
● Delivered 10–12 weekly presentations translating analytics into business strategy, enabling leadership to make faster, data-informed decisions.
● Redesigned customer policy frameworks based on feedback analysis, achieving an 80% increase in adoption and higher customer satisfaction.

CORE SKILLS

● **Data Analysis & Visualization:** SQL, Power BI, Tableau, Excel.
● **Programming & Modeling:** Python, R, Machine Learning, Regression, A/B Testing.
● **Data Infrastructure:** Microsoft Azure, MySQL, Oracle, PostgreSQL.
● **Collaboration & Communication:** Stakeholder engagement, Storytelling with data, Presentation skills.

EDUCATION

● Bachelor of Computer Science(Malaysia)   **September 2015 - March 2019**
● Master of Data Science and Analytics (University of Calgary)   **September 2021- January 2024**

PROJECTS

Predictive Modeling and Statistical Analysis of Cardiovascular Patient Admissions
● Conducted statistical and machine learning analysis on 15,757 patient admission records (Kaggle dataset), focusing on predicting **heart failure, acute kidney injury, and patient outcomes**.
● Applied **Logistic Regression, Random Forest, Gradient Boosting, LDA, QDA, PCA, and Classification Trees**, achieving **up to 99% accuracy for AKI prediction** and **77% accuracy for heart failure prediction**.
● Built and validated models using **10-fold cross-validation**, optimizing feature selection and addressing multicollinearity, heteroscedasticity, and residual diagnostics.

Building Scalable Data Pipelines for E-Commerce Insights on Azure
● Designed and implemented an end-to-end cloud data pipeline using Azure Data Factory, Databricks, and Synapse Analytics, following the Medallion Architecture for structured Bronze, Silver, and Gold layers.
● **Automated ingestion and transformation of multi-source data** (MySQL, MongoDB, GitHub) into **Azure Data Lake Storage Gen2**, leveraging dynamic parameterization for scalability.
● **Optimized big data processing** with **PySpark on Azure Databricks**, performing complex joins, deduplication, and delivering curated datasets for analytics in **Azure Synapse**.

CERTIFICATIONS

● Microsoft Certified Power BI Data Analyst Associate
● Microsoft Certified Data Engineer Associate