Md. Suman Akanda

Data Analyst

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OBJECTIVE

Enthusiastic Data Analyst with a CSE degree majoring in Intelligent Systems and Data Science from EWU. A quick learner and problem solver proficient in Python, SQL, Power BI, Excel and dedicated to providing impactful data insights to drive organizational growth and efficiency

SKILLS

- **Programming Languages:** Python, SQL, R, C, C++, DAX
- **Data Visualization Tools:** Power BI, Tableau, Microsoft Excel, Google Sheets
- **Databases:** MySQL ,PostgreSQL
- **Data Warehouses:** Google Big Query , Snowflake.
- **Statistical Analysis:** EDA, A/B Testing, Root-cause Analysis, Time Series Analysis
- **Machine Learning:** Linear Regression, Logistic Regression, K-Means Clustering

EDUCATION

BSc in Computer Science and Engineering   01/2020 - 09/2024
East West University   **Major:** Intelligent System and Data Science

PROJECTS

- **Bank Customer Churn Analysis and Prediction Model** 🔗 **github**
  Developed a **Python-based** predictive model to analyze factors influencing bank customer churn and provide actionable retention insights.

- **RFM Segmentation: Enhancing Customer Insights Through SQL** 🔗 **github**
  Built an **SQL-driven RFM model** to segment customers and enable data-driven marketing initiatives.

- **Adventure Works Sales Data Analysis** 🔗 **github**
  Developed an interactive **Power BI** dashboard to analyze and visualize sales performance, leveraging data cleaning, transformation, and KPI generation for actionable business insights.

- **Stylometry Based Author Profiling on Bangla Text Using Text Clustering** 🔗 **github**
  Designed and implemented a **university final year capstone project** that leverages stylometry and text clustering techniques to analyze Bangla text, identify writing styles, and profile authors using advanced machine learning algorithms.

- **Comprehensive Coffee Sales and Customer Analysis** 🔗 **github**
  Utilized **Excel** to create dashboards and perform data analysis on coffee sales, customer trends, and key performance indicators.

CERTIFICATIONS

- Google Data Analytics Professional Certificate
  🔗 **Google**
- Career Essentials in Business Analysis
  🔗 **Microsoft**
- Career Essentials in Data Analysis
  🔗 **Microsoft**
- Data Analyst in Power BI
  🔗 **Datacamp**

RESEARCH PAPER

- Machine Learning Approaches for Head and Neck Cancer Stage Detection 🔗 Available Online