M S KAMRAN

EDUCATION

BRAC University
Bachelor of Computer Science & Engineering

Dhaka City College
Higher Secondary Certificate | 2017
Major: Science
Result : GPA-4.89

Faizur Rahman Ideal Institute
Secondary School Certificate | 2015
Major: Science
Result : GPA-5.00

SKILLS

- **Programming Languages:** Python, R, C, Java, JavaScript.
- **Libraries and Frameworks:** Pandas, Scikit-learn, NumPy, TensorFlow/Keras, Pillow, OpenCV.
- **Tools & Technologies:** Excel (Advanced), Power BI (Learning), Tableau (Learning), AI Tools, Kaggle.
- **Platforms & Services:** ChatGPT, Kaggle.
- **Relevant Experience:** Data Preprocessing, Data Cleaning, Data Visualization, Deep Learning Model Development, Image Processing, Automated File Management, CSV Data Analysis
- **Additional Skills:** Project Management, Prompt Engineering, Digital Marketing, Data Analysis, Presentation Skills.
- **Language:** Bangla, English

CERTIFICATIONS

Data Science and Machine Learning with Python
BITM | 66-hour hands-on training
Nov 2023 – Jan 2024
Focused on data analysis, visualization and machine learning with Python (Pandas, Scikit-learn, Matplotlib), includes practical projects for real-world applications, preparing for data-driven decision-making in business contexts.

Motivated computer science student with a strong foundation in data analysis, data engineering, and machine learning, complemented by expertise in data visualization. Skilled in transforming raw data into strategic insights using tools like Python, Pandas, and OpenCV, with a keen interest in transitioning into a data analysis role. Seeking a position as a Data Analyst Specialist to leverage technical skills and contribute to data-driven financial operations and analysis.

PROJECTS

Bangla Handwriting Pattern Recognition For Age & Gender Thesis Project:

- **Description:** Conducted a data collection project involving 6000 handwriting samples from multiple districts in Bangladesh.
- **Data Processing:** Preprocessed data with Python libraries such as Pandas, Pillows and OpenCV for cleaning and normalization.
- **Data Analysis & Insights:** Analyzed data patterns using NumPy and visualized with Matplotlib/Seaborn. Created reports and presentations highlighting key findings on handwriting traits
- **Machine Learning:** Developed and trained deep learning models using TensorFlow to predict age and gender from handwriting, supporting the study's analytical goals.

Weather Data Fetching and Visualization Project:

- **Description:** Fetched weather data from the METAR API and developed a user interface for data interaction.
- **Data Processing:** Cleaned and parsed data using Python (urllib.parse) for further analysis.
- **Visualization and Insights:** Created interactive visualizations of wind direction and other weather parameters using GUI with Tkinter presenting real-time updates and summaries for user insights.

CONTACT

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