Tanjib Ul Islam

Address: Dhaka, Bangladesh
E-mail: tanji.evan23@gmail.com
Mobile: +8801794303336
GitHub: TanjiEvan
LinkedIn: Tanjib Ul Islam
Portfolio:

Career Objective:

Results-oriented Data Scientist with expertise in machine learning, predictive modeling, and data analysis. Proficient in extracting actionable insights from complex datasets to solve business challenges and drive strategic decision-making. Skilled in developing scalable models and analytical solutions to optimize processes and deliver measurable impact. Committed to continuous learning and leveraging advanced tools and techniques to support organizational growth and innovation.

Educational Background:

Bachelor of Computer Science and Engineering, *American International University-Bangladesh*
- Major: Information Systems
- CGPA: 3.87 || 2019-2022

Higher Secondary Certificate, *Dhaka Imperial College*
- GPA: 4.83 || 2017-2018

Secondary School Certificate, *National Ideal School*
- GPA: 4.67 || 2015-2016

Work Experience:

Data Scientist|| 2023-2024
Grameenphone Ltd. *| Dhaka, Bangladesh*
- Built predictive models using Python to optimize customer churn reduction strategies.
- Developed data-driven solutions to enhance network performance and customer experience.
- Designed interactive visualizations using Plotly and Dash for stakeholder reporting.
- Conducted advanced analytics on large datasets to uncover market trends and user behavior patterns.
- Ensured data integrity and compliance through regular audits and validation processes.

Skills:

Programming Languages: Python, R
Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Plotly
Database Management: MySQL
Tools & Platforms: Git, GitHub, Docker
Other Skills: Predictive Modeling, Data Preprocessing, Feature Engineering, Statistical Analysis, Model Optimization

Projects:

Analysis of Historical UEFA Champions League Data (1955-2023), Source || May 2024
- Analyzed UEFA Champions League data from 1955 to 2023, focusing on team performance metrics such as matches played, wins, losses, and draws.
- Conducted data cleaning, exploratory data analysis, and created comprehensive visualizations to uncover significant patterns and performance trends across decades.
- Provided insights into long-term trends, identifying dominant teams and key factors influencing success in the tournament.

Technologies Used: Python, Pandas, Matplotlib, Seaborn, Plotly

E-commerce Customer Behavior Analysis and Insights Web App, Source || July 2024
- Developed an interactive web app using Python and Streamlit to analyze e-commerce customer behavior data, displaying insights on demographics, purchase patterns, and satisfaction levels.
- Integrated filter options (age sliders, drop-down menus) and interpretation buttons for enhanced user experience and data exploration.
- Delivered actionable insights, including customer spending habits, device usage trends, and gender-based purchasing patterns, to inform e-commerce strategy.

- Deployed the app to make customer behavior insights accessible in real-time.

Technologies Used: Python, Streamlit, Pandas, Plotly

Coffee Shop Sales Analysis, [Source](#) || June 2024
- Analyzed the sales performance of coffee shop locations in Hell's Kitchen, Lower Manhattan, and Astoria to uncover sales trends, customer behavior, and product performance.
- Identified peak transaction times, best-selling products, and key profit drivers unique to each location.
- Developed data-driven recommendations for targeted promotions and optimized staffing and inventory strategies.

Technologies Used: Python, Pandas, Plotly

Honors & Awards:

- **Dean's List Honors** | *American International University-Bangladesh*
  Fall 2021, Spring 2021 & Fall 2022
  Recognized for outstanding academic performance and excellence by being named to the Dean's List.
- **1st Runner-Up |** *DataHackathon by CoU IT Fest 2024*
  Awarded 1st Runner-Up for exceptional performance in the DataHackathon competition, demonstrating advanced data analysis skills and innovative problem-solving techniques.

Personal Interests:

- **Tech Enthusiast:** Passionate about exploring AI, data science, and emerging technologies.
- **Personal Growth:** Passionate about learning new skills and embracing diverse experiences to foster continuous self-improvement.
- **Sports & Entertainment:** Playing cricket, listening to music, and watching movies for relaxation and inspiration.

References:

- Naimul Islam Titas
  Proprietor,
  STAB Tech,
  Dhaka, Bangladesh
  naimul.titas@gmail.com

- Tohedul Islam
  Assistant Professor,
  American International University-Bangladesh,
  Dhaka, Bangladesh
  islamtohedul@aiub.edu