

# ABU BAKAR SAYEM

+880 1521 259649 | [abubakarsayem@proton.me](mailto:abubakarsayem@proton.me) | [LinkedIn](#) | [Kaggle](#) | [Tableau](#) | [Website](#) | Based in Bangladesh

I leverage cutting-edge technologies to uncover trends and patterns from data. I specialize in building intelligent AI agents that automate workflows, optimizing operations, and enhancing productivity. This leads to significant time and cost savings, allowing management to focus on strategic growth initiatives. Additionally, I build interactive chatbots that boost customer engagement, providing instant support and personalized experiences. Currently, I'm expanding my skillset by diving into Machine Learning, with a keen interest in progressing to Deep Learning and GenAI afterwards.

## CORE COMPETENCIES

Exploratory Data Analysis, Building AI Agents and Chatbots, Workflow Automation, Time Series Forecasting, Data Wrangling, Data Visualization, Time Management, Teamwork, Leadership, Proactive, Multitasking, Communication.

## TECHNICAL SKILLS

**Languages & Libraries:** MySQL, Python (*Numpy, Pandas, Matplotlib, Seaborn, Plotly, Scikit-learn*), JavaScript, HTML, CSS, Bootstrap, Tailwind CSS.

**Tools & Technologies:** Make.com, n8n, Chatbase, Voiceflow, Tableau, Flourish, Looker Studio, Jupyter Notebook, Google Colab, MySQL Workbench, Visual Studio Code, WordPress, Mendely, Canva, Airtable, Trello, Notion, Slack, Miro, Google Suite, Excel.

## WORK EXPERIENCE

### **Research Data Analyst**

06/2024 - 12/2024

#### **International Institute of Law and Diplomacy**

- Developed a comprehensive database from scratch by executing data preprocessing and conducting feature engineering, utilizing Google Sheets and Pandas;
- Created interactive charts and graphs using Matplotlib, Seaborn, Plotly, Canva, Flourish and Tableau, effectively illustrating key insights and trends;
- Produced interactive geographical maps using Flourish, effectively visualizing district-level data across Bangladesh;
- Conducted various types of analysis, synthesized insights, and produced comprehensive reports, impacting decision-making processes and strategic planning.

### **Product Analyst**

06/2022 - 05/2024

#### **Techverse**

- Conducted comprehensive competitor analysis using Google Sheets, leading to improved strategic positioning and actionable market insights;
- Developed data visualizations with Canva and Google Sheets and implemented digital marketing strategies, increasing product engagement and expanding customer reach;
- Coordinated product development, design, and content management with Google Suite, spearheading project timelines and enhancing overall time management.

### **Team Lead, Bangladesh Operations**

10/2019 - 02/2021

#### **Youth Opportunities**

- Administered the end-to-end process of opportunity management at Youth Opportunities using Google Sheets including sourcing, posting, assigning tasks among interns, reviewing, and publishing opportunities, resulting in a streamlined and efficient workflow;
- Applied design skills with tools like Canva and PowerPoint to create visually appealing feature images for posted opportunities, contributing to increased engagement and user interaction;
- Developed monthly performance dashboard using Canva and Google Sheets, integrating KPIs to illustrate monthly team performance and streamlining data visualization for actionable insights;
- Managed the WordPress dashboard meticulously, utilizing Google Suite to ensure content accuracy before publication, contributing to a seamless and professional user experience.

## EDUCATION

### **Bachelor of Social Sciences in International Relations**

2018 - 2022

University of Dhaka

Dhaka, Bangladesh

**Relevant Coursework:** *Quantitative Methods in Social Research/Statistics 101 - (Measures of Central Tendency, Measure of Dispersion, Correlation Analysis, Regression Analysis, Hypothesis Testing).*