ABU BAKAR SAYEM

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I leverage cutting-edge technologies to discover trends and patterns from data. I build intelligent AI agents, automation solutions, and chatbots for marketing, sales, management and admin departments that automate tasks, improve efficiency, and enhance customer engagement. These tools save significant time, reduce operational costs, and allow management to focus on strategic initiatives.

CORE COMPETENCIES

Building AI Agents, Workflow Automation, Prompt Engineering, Machine Learning, Deep Learning, Natural Language Processing, LLM, RAG, Exploratory Data Analysis, Time Series Forecasting, Web Analytics.

TECHNICAL SKILLS

Languages & Libraries: MySQL, BigQuery, Python (*Numpy, Pandas, Matplotlib, Seaborn, Facebook Prophet, Scikit-learn, Keras, NLTK, Spacy*), HTML, CSS, Tailwind CSS.

Tools & Technologies: Langchain, n8n, Tableau, Flourish, Looker Studio, Git, GitHub, Pinecone, Supabase, FAISS, ChromaDB, Ollama, Hugging Face, Streamlit, Apify, Firecrawl, Voiceflow, ElevenLabs, Vapi, Retell AI, Google Analytics, Umami, Matomo, Google Colab, Visual Studio Code.

CRM & Project Management: Airtable, Baserow, Notion, Trello, Asana, ClickUp.

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).*