ABU BAKAR SAYEM

Data Analyst | Kaggle Notebooks Master

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As a self-taught data analyst with a proven track record of leveraging **MySQL**, **Tableau**, **NumPy**, **Pandas**, **Matplotlib**, **Seaborn**, and **Plotly** to extract meaningful insights and create visualizations, I'm eager to contribute my skills and collaborate in environments that can foster my potential. I'm currently developing my skillset by actively learning machine learning and its implementation, with a keen interest in progressing to deep learning afterwards.

CORE COMPETENCIES

Exploratory Data Analysis, Time Series Forecasting, Database Management, Data Wrangling, Data Visualization, Time Management, Teamwork, Leadership, Proactive, Multitasking, Communication, Field Research.

TECHNICAL SKILLS

Languages & Libraries: SQL (*MySQL, BigQuery*), Python (*Numpy, Pandas, Matplotlib, Seaborn, Plotly*), HTML, CSS.
Tools & Technologies: Tableau, Looker Studio, Jupyter Notebook, Google Colab, MySQL Workbench, Visual Studio Code, WordPress, Mendely, Canva, Trello, Notion, Slack, Google Suite, Excel.

PROJECTS

Impact of Air Pollution on Human Health | Project Link
- Analyzed specific causes of air pollution-related deaths, focusing on outdoor sources like transportation and industrial emissions. Along with household sources such as solid fuel usage for cooking and heating;
- Identified regional disparities in death rates, emphasizing areas with a higher vulnerability to the adverse effects of air pollution;
- Utilized technologies like numpy, pandas, matplotlib, seaborn, plotly, and race bar charts for a comprehensive analysis.

Understanding Suicide Trends: Around the World | Project Link
- Analyzed global suicide data to identify patterns and trends across different age groups;
- Utilized advanced data analysis technologies including numpy, pandas, matplotlib, seaborn, plotly, and race bar charts, to facilitate a comprehensive examination of suicide-related data and support evidence-based strategies for addressing this global public health concern.

WORK EXPERIENCE

Field Investigator   *01/2022 - 02/2022*
Centre for Genocide Studies - University of Dhaka
- Conducted in-depth interviews with over 100+ individuals representing diverse socio-economic backgrounds across Bangladesh;
- Administered various puzzles to participants, successfully analyzing their responses to uncover nuanced perspectives on the subject matter;
- Engaged in extensive discussions with participants, emphasizing Bangladesh's bilateral trade relations with other countries.

Team Lead, Bangladesh Operations   *10/2019 - 02/2021*
Youth Opportunities
- Administered the end-to-end process of opportunity management at Youth Opportunities, including sourcing, posting, assigning among interns, reviewing, and publishing opportunities, resulting in a streamlined and efficient workflow;
- Applied design skills to create visually appealing feature images for posted opportunities, contributing to increased engagement and user interaction;
- Managed the WordPress dashboard meticulously, guaranteeing accuracy in content before publication, contributing to a seamless 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).*