RAHIB KHANDAKER

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Education

Queens College of The City University of New York, Flushing, NY   (Expected May 2025)
Bachelor of Arts: Computer Science
Minor: Data Analytics
Relevant Coursework: Database Systems, Data Structures, Design & Algorithms Analysis, Calculus, Discrete Mathematics, Social Statistics

Summary

Responsible and motivated student ready to apply education in the workplace. Offers excellent technical abilities with software and applications, ability to handle challenging work, and excellent time management skills.

Skills

- **Programming & Databases:** SQL, Microsoft SQL Server, MySQL, Python Programming
- **Data Analysis & Visualization:** Pandas, Matplotlib, Tableau, Microsoft Excel
- **Other:** Database Management, Teamwork and Collaboration, Strong Work Ethic

Projects

Designing a College Database System using ERD with SQL | Leader in Class Project   **Project Repository**

- Lead a Group of 8 to convert a Queens College Data Table into an ERD design and load the data into multiple tables
- Oversaw the development and optimization of complex SQL scripts for creating, manipulating, and querying database structures, ensuring high performance and data integrity throughout the project lifecycle
- Managed project documentation and team collaboration, providing clear guidelines and ensuring timely completion of milestones, resulting in a robust and efficient database system tailored to academic administrative needs

Cryptocurrency Portfolio Tracker

- Integrated CoinMarketCap API to fetch real-time cryptocurrency prices, market capitalizations, and historical data, providing accurate and timely information.
- Automated data refresh intervals using Pandas to ensure users received up-to-date information without manual intervention, enhancing user experience and data reliability.
- Visualized market trends with Matplotlib, creating visually appealing charts to help users analyze and understand cryptocurrency performance trends effectively.

Covid-19 Data Visualization   **Tableau Dashboard**

- Explored and cleaned COVID-19 data in SQL, preparing it for seamless integration into Tableau by ensuring data accuracy and consistency.
- Developed complex SQL queries, tables, and views to facilitate efficient data transfer and visualization in Tableau.
- Created comprehensive visualizations in Tableau, focusing on total cases, time-series trends, and location-based data to provide clear insights into the pandemic's progression.

Data Cleaning in SQL, Excel, And Python

- Identified and resolved common data issues, ensuring data readability and consistency across multiple platforms.
- Utilized SQL, Excel, and Python to apply advanced data cleaning techniques, enhancing the quality and accuracy of information.
- Evaluated and filtered relevant data, distinguishing essential information from noise based on specific project requirements.