

Maheen Abbas Naqvi

Business Intelligence Analyst

New York | (516) 534-8590 | maheenabbas99a@gmail.com | <https://www.linkedin.com/in/maheen-abbas-/>

Professional Summary

Results-driven Business Intelligence Analyst/Developer with over 3 years of experience across diverse industry sectors. Proven track record of success in adapting to evolving business needs and priorities with a systematic and effective approach. Skilled in the implementation of operational assessments and conducting thorough functional requirement analysis for businesses of varying sizes. A quantitative expert known for exceptional speed in analyzing quarterly and annual reports, delivering comprehensive syntheses to drive informed decision-making.

Education

Bachelor of Arts in Computer Science
Queens College, City University of New York

March 2023

Work Experience

Data Analyst / Developer

April 2022 - May 2023

McGill Centre for the Convergence of Health and Economics

- **Developed** and **executed** comprehensive plans and iterations for **indexing**, collaborating closely with **Database Administrators** and **Software Engineers** to ensure **optimal implementation** and efficiency.
- **Spearheaded** independent research initiatives, focusing on the **indexing** and **clustering** of a substantial **2.3 billion-row** table to significantly **enhance execution speed and query efficiency**.
- **Orchestrated** the indexing of the table, resulting in an impressive **3X** acceleration in planning time and a notable **2.4X** improvement in execution time.
- **Demonstrated** proficiency in crafting advanced **pgSQL** and **R code** to analyze tables with over **2 billion rows**, seamlessly integrating them into **Tableau Prep** for heightened accessibility and usability by researchers.
- Utilized **Tableau Prep** to automate the **extraction** and **preparation** of data, creating insightful dashboards for the research team using **Tableau**.
- Produced intricate exhibits, maps, heat maps, and charts for senior management, facilitating monthly reviews and **trends analysis**.
- Managed and refreshed **pivot tables** and **Excel** workbooks for senior management and program advisors.

Junior Vice President (Data Science Team)

July 2021 - March 2022

Code ReSolve - Google Developer Student Clubs

- **Developed budget proposals** and managed conversations with QC supervisors during the **Quarterly Budget Review (QBR)**.
- Ensured efficient **allocation of resources** to support diverse initiatives, whilst managing budget.
- Contributed to **increased membership** through content and marketing. Created marketing and promotional flyers using Venngage to attract and grow the organization.
- Created various PowerPoints and presentations. Held **presentations** to students after classes.
- **Conducted workshops** on data analysis and machine learning using **Python** and **SQL** to **75+** students at a time.
- Cultivated a culture of **continuous learning** and **skill development**.
- Forged partnerships with industry professionals and organizations and coordinated well-attended club **events** and **hackathons**.

Leadership Development Intern

August 2020 - July 2021

RippleMatch

- Implemented a **spectrum of advanced growth strategies and tools**, incorporating social media, email marketing, presentations, and strategic networking with peers and faculty members. These initiatives were instrumental in expanding the user base and elevating awareness on campus.
- **Conducted a systematic evaluation of growth and performance metrics**, fostering the refinement, modification, and formulation of innovative growth strategies. This analytical approach contributed to the continuous improvement of our initiatives and ensured alignment with overarching organizational objectives.

Selected Projects

Segmentation & Clustering Analysis

July 2022

- Link: <https://github.com/maheenabbas/SegmentationAnalysis-KMeans-UMAP>
- Skills: R, K-Means Clustering, Uniform Manifold Approximation and Projection (UMAP), Dimensionality Reduction, Segmentation

Feature Engineering & Analysis

July 2022

- Link: <https://github.com/maheenabbas/Feature-Engineering-Analysis>
- Skills: R, Feature Engineering, Outlier Analysis, Imputation, Vectorized String Detection, Heatmaps, ggplot2, VLookup, Pivot Tables

Sales Analysis & Visualization

August 2022

- Link: <https://github.com/maheenabbas/Sales-Analysis-Case-Study>
- Skills: R, Sales Analysis, Data Analysis, Aggregation, ggplot2, Outlier Detection, ggrepel, tidyverse, Excel, VLookup, Pivot Tables

Relational-Data-Modeling-and-Database-Design

April 2023

- Link: <https://github.com/maheenabbas/ErwinDM-Data-Modeling>
- Skills: SQL, NOSQL, T-SQL, Data Modeling, Database Design, Conceptual Model, Logical Model, Physical Model, Excel, Pivot Tables

Movie Review with Naive Bayes

March 2023

- Link: <https://github.com/maheenabbas/Movie-Review-with-Naive-Bayes>
- Skills: Python, Data Science, Naïve Bayes, Classification, Sentiment Analysis, Training, Testing, Text Analytics, Data Analytics

Yogurt & Smoothie Shops Inc. (YSSI)

November 2022

- Link: <https://github.com/maheenabbas/YSSI>
- Skills: Java, Design and Analysis of Algorithms, Data Structures, Programming, Critical Thinking, Diagramming

Technical Skills

- | | |
|---------------------|----------------------|
| • SQL | • Erwin Data Modeler |
| • Tableau | • Microsoft Power BI |
| • Alteryx | • R |
| • Azure Data Studio | • NoSQL |
| • MySQL | • Docker |
| • Python | • GitHub |
| • MongoDB | |
| • PostgreSQL | |

Certifications

- | | |
|---|--|
| • Frictionless Sales – HubSpot Academy | • Product Roadmapping – Product School |
| • Account Management B2B Sales Ninja – Udemy | • Product Strategy – Product School |
| • Customer Success – Udemy | • Foundational Certification – Alteryx |
| • Digital Marketing – Udemy | • Product-Led Growth – Product School |
| • Product Analytics – Product School | • Machine Learning Fundamentals – Alteryx |

Honors and Awards

- **Dean's List** (Fall 2021, Fall 2020)
- **National Society of Leadership and Success** (2023)