

Hafith Moallin

Data Analyst

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[Github.com/hafithm](https://github.com/hafithm)

Summary

Immersive boot camp experience in Python, statistical modeling, and API utilization. Adept in extracting critical insights and employing visual storytelling for impactful business guidance. Eager to combine a fervent zeal for data precision with accomplished analytical skills in dynamic, results-driven roles.

Technical Skills

Programming: Python, SQL (PostgreSQL), R

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn

Data Analysis: Data Wrangling, Data Cleaning, EDA, statistical modeling (classification, regression, clustering)

Visualization: Tableau, Power BI

Experiences

Transamerica, Data Analyst

2022 – 2023

- Oversaw and optimize the distribution network for financial products/services of major institutions such as RBC, BMO, and Fidelity.
- Managed extensive databases in SQL, and PostgreSQL, transforming raw data into actionable insights for informed decision-making.
- Developed a predictive machine learning model using gradient boosting in Python to forecast d sales growth.
- Utilized Tableau for impactful visualization, illustrating pathways and enhancing transparency in their contributions.

Projects

Statistical Modeling (City Bikes & Restaurants)

2024

- **Objective:** Analyzing and comparing data from Yelp and Foursquare API and employing statistical modeling
- **Tools & Techniques:** Executed comprehensive data validation and preparation, and applied OLS regression analysis techniques to forecast free bike availability with accuracy.

Key Insights: Discovered a moderate positive correlation between restaurant ratings and free bike availability with the model explaining approximately 30.2% of the variability.

- Utilized Foursquare and Yelp APIs to extract comprehensive data for analysis, providing insights into various aspects such as business locations, reviews, ratings, and more.

Individual Financial Project (Bank Loan Report Analysis)

2024

- **Objective:** Analyze and strategize bank's loan portfolio using data-driven insights.
- **Techniques:** Utilized SQL for data extraction and Tableau for visualization to identify key loan performance indicators.
- **Outcome:** Enhanced decision-making for lending strategies and risk management through interactive reporting and trend analysis.

Education

Diploma in Data Analytics, Lighthouse Labs

Graduated Feb 2024

BA in Economics , Proficient Student Athlete, UBC

Graduated April 2023