

# Hafith Moallin

## Data Analyst

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### 🎓 Education

#### Data Analytics Diploma

Lighthouse Lbs

2023 - 2024

Mississauga, Canada

#### Bachelor of Arts in Economics

The University of British Columbia

2018 - 2023

Kelowna, Canada

### 💼 Professional Experience

#### **LHL Midterm Project: Statistical Modelling with Python**

**Objective:** Analyzing and comparing data from Yelp and Foursquare API's, employing statistical modelling to comprehend the relationship between restaurant ratings and bike station availability.

**Tools and Techniques:** Conducted data validation and preparation, and performed OLS regression analysis to predict free bike availability.

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

#### **Final Project: NBA Game Analysis**

**Objective:** Analyzing key factors influencing NBA game outcomes and team performance, with a focus on the 2022 season.

**Tools and Techniques:** Utilized Python for data cleaning and exploratory data analysis (EDA), and Tableau for creating interactive dashboards to visualize findings.

**Key Findings:** Unveiled insights into talent scouting, team roster composition, and the impact of All-Stars on team success.

#### **Individual Financial Project - Bank Loan Report Analysis:**

**Objective:** Conduct a comprehensive analysis of the bank's loan portfolio to identify trends, assess loan performance, and inform lending strategies.

**Tools & Techniques:** Employed advanced SQL queries for data extraction, transformation, and analysis of key loan metrics. Leveraged Tableau for dynamic visualizations and interactive reporting of lending operations.

**Key Findings:** Revealed critical insights into loan distribution by state, borrower credit health, and the overall quality of the loan portfolio, enabling data-driven decision-making in risk management and strategic planning.

### 🧠 Skills

Python

SQL

R Data

Tableau