

Professional Summary

Aspiring Data Analyst with a solid foundation in SQL, Python, R, and data visualization, eager to apply data-driven insights to tackle intricate business challenges and contribute to growth. Committed to delivering valuable insights through thorough data analysis as I embark on my career journey.

Skills

- SQL (SQL Server)
- R (Tidyverse, dplyr, ggplot2)
- Python (pandas, matplotlib, requests, BeautifulSoup)
- Excel
- Tableau
- Microsoft Power BI

Experience

WEB SCRAPING: Stocks – Personal Project – Chicago, IL September 2023

- Initiated web scraping using the **Requests** library to collect real-time stock market data from diverse online sources.
- Leveraged the **BeautifulSoup** library to extract, structure, and format web-based data into a structured table for further processing and visualization.

DATA ANALYSIS: Movie Correlation – Personal Project – Chicago, IL July 2023

- Employed **Jupyter Notebooks** and **pandas** library to import, preprocess, and clean the movie dataset, handling missing values, removing duplicates, and formatting data types for correlation analysis.
- Utilized **matplotlib** library in **Python** to generate visualizations, including scatter plots and correlation matrices and identifying significant correlations within the dataset.

DATA ANALYSIS: Exploratory Data Analysis – Personal Project – Chicago, IL June 2023

- Harnessed **RStudio** and its integrated packages, such as **ggplot2**, **dplyr**, and **tidyverse**, to explore various datasets and perform in-depth analysis.
- Executed the utilization of **ggplot2** to create visually appealing and informative graphics, allowing for a better understanding of the data patterns and insights.

DATA CLEANING: Housing Listings Analysis – Personal Project – Chicago, IL April 2023

- Managed **SQL** to analyze over 50,000 housing listings in Nashville, resulting in clean and organized data that was ready for deeper analysis and insights.
- Created **Joins**, **CTE**, and **Aggregate Functions** to optimize database queries, resulting in faster and more accurate data retrieval.

DATA EXPLORATION: COVID-19 Impact Analysis – Personal Project – Chicago, IL March 2023

- Administered **SQL** to perform exploratory data analysis on a COVID-19 dataset, uncovering valuable insights into the pandemic's impact on various factors.
- Manipulated and organized COVID-19 data efficiently using **Joins**, **Views**, **CTEs**, and **Temp tables**, enabling deeper analysis of trends and patterns.

TABLEAU: Airbnb Data – Personal Project – Chicago, IL February 2023

- Utilized **Tableau** to visualize Airbnb listing data, showcasing the distribution of listings by location and price, and analyzing trends in revenue.

Education

BACHELOR OF SCIENCE IN PSYCHOLOGY – Loyola University Chicago – Chicago, IL

May 2023**Major: Psychology Minor: Business Administration GPA: 3.5****Dean's List: Fall 2021-Fall 2022****Damen Scholarship Recipient**