

Skills

- SQL (SSMS SQL Server, MySQL)
- Python (Pandas, NumPy, SciPy, Matplotlib, Seaborn, Jupyter Notebooks, BeautifulSoup)
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI, Tableau

Projects

DATA CLEANING IN SQL – Personal Project September 2024

- Utilized **SQL Server** to clean the housing data and reformat the dataset to make it more legible and efficient for future use
- Organized data by utilizing **ISNULL()** and **JOIN** techniques to fill missing values through self-joining
- Transformed data by using **SUBSTRING()**, **CHARINDEX()**, **PARSNAME()** to split and normalize address fields
- Modified data by identifying and removing duplicates through **ROW_NUMBER()** with **CTEs** and add or drop columns as needed

DATA EXPLORATION IN SQL AND DASHBOARD IN TABLEAU – Personal Project November 2024

- Worked with **SQL Functions** to organize data to gain insight into the global and regional impact of Covid-19
- Utilized **SQL Joins**, **CTEs** and **Windows Functions** to compare death percentages, infection rates and vaccination efforts across various populations and tracking trend over time
- Applied data type conversion **CAST()**, **CONVERT()** to ensure accurate computations, created temporary tables for storing complex aggregation results, and enabling visualization of global health trends by creating dashboard on Tableau

MOVIE CORRELATION WITH PYTHON – Personal Project February 2025

- Used **PANDAS** to clean and preprocess movie data to ensure accurate data quality for precise analysis
- Conducted **EXPLORATORY DATA ANALYSIS** to identify factors influencing revenue, such as budget and vote count
- Utilized **MATPLOTLIB** and **SEABORN** to visualize insights by using scatter plots and heatmaps to highlight key correlations

POWERBI DATA PROFESSIONAL SURVEY BREAKDOWN – Personal Project April 2025

- Designed an interactive Power BI **DASHBOARD** to analyze data from a survey taken by 660+ data professionals across roles
- Leveraged **POWER QUERY**, **DAX** and advanced data modeling to clean, transform, and structure data for reporting
- This project showcased skills in data storytelling and visual analytics, enable stakeholders to understand trends in this career field

Work Experience

ARCHITECTURAL DRAFTER – JoeArchitect – Somerville, Ma July 2019 – August 2019

- Interpreted complex architectural plans and technical data with precision, strengthen skills in detail orientation, spatial analysis and structured problem solving
- Collaborated with architects and engineers to align designs, which enhanced my communication skills and work cross functionally

TAX ACCOUNTANT – Reliable Tax Service – Quincy, Ma August 2018 – October 2018

- Analyzed financial data and tax documents with precision, developed strong skills in pattern recognition and data validation
- Utilized **EXCEL** to organize and calculate complex data and build a strong foundation for data reporting
- Translated complex data into clear and actionable information for clients

OPERATION ASSISTANT – Boston Skywalk Observatory – Boston, MA June 2016 – May 2018

- Managed visitor flow and daily operations such as tracking attendance, sales, and scheduling to ensure smooth daily operations
- Addressed logistical and customer issues quickly and efficiently to enhance guest experience

Education

BACHELOR OF APPLIED SCIENCE – University of Massachusetts Amherst – Amherst, MA June 2016 – May 2020

Majors: Applied Mathematics (Scientific Computing, Statistics, Probability)