

Skills

- SQL (Joins, Temp Tables, Stored Procedures)
- Python (Pandas, NumPy, Matplotlib, Plotly Express, Django)
- Tableau
- Excel (VLookup, Conditional Formatting, Pivot Tables)
- HTML, CSS, Javascript(Bootstrap, JQuery, DOM)
- Git
- Microsoft Power BI (Dax, Power Query)

Projects

COVID EXPLORATORY DATA ANALYSIS – MS SQL Server

- Utilized **SQL** to perform exploratory data analysis on covid data directly from the CDC.
- Implemented **JOINS** two tables to create a column with a rolling vaccination count.
- Employed **TEMP TABLES** to analyze COVID-19 data, leveraging data integration techniques for vaccination rates and cases.

FRED UNEMPLOYMENT DATA – Pandas

- Utilized the FRED API to retrieve data and created a **DATA FRAME** specifically for unemployment in each state.
- Conducted **DATA CLEANING** procedures to remove irrelevant columns that were not state-specific.
- Developed a horizontal bar chart to visualize the unemployment rates during the onset of Covid. This **VISUALIZATION** shows that Nevada led the nation with the highest rate of unemployment whilst Nebraska held the lowest.

COVID VACCINE TRACKER – Tableau

- Utilized **TABLEAU** to create a stacked bar graph to display the difference in fully to partially vaccinated.
- Visualized the effect that GDP had on vaccination percentage with the use of a scatter plot. Findings showing that the higher the GDP the higher chance of vaccination worldwide.

NBA DATA SCRAPING & ANALYSIS – Pandas, Numpy

- Scraped data from the NBA website for all player stats from 2000-2023 and created an EXCEL file with the data.
- Created visualization using **Plotly Express** to show the change in stats from regular season to playoffs per 48 minutes.
- Developed a **Power Bi** dashboard to show changes year over year in stats such as points per game, 3 point field goal percentage and percentage of points from free throws. Also allow user to filter for regular season, playoffs or both.

Work Experience

ENTERPRISE SUPPORT ASSOCIATE – DealerOn – Remote

April 2018 - Current

- Using HTML & CSS to alter, fix and update webpages for auto dealerships.
- Creating & quickly completing Salesforce and Jira support tickets within company SLA.
- Maintain and update inventory and pricing for dealers using SQL.

MORTGAGE UNDERWRITER – United Wholesale Mortgage – Pontiac, MI

January 2022 - April 2023

- Analyze and underwrite increasing volume of loan applications with high level of accuracy.
- Maintain consistent and effective communication with internal team members and external broker clients throughout process.
- Leveraged the power of Excel to maintain spreadsheets of loans in my pipeline to monitor where they stand in process.

Education

GOOGLE DATA ANALYTICS CERTIFICATE

December 2022

Trainings: In Google Sheets/Excel, BigQuery SQL, Tableau and R