

DEREK ELVIS

Career Objective

Driven Data Analyst with prior experience working with MySQL, Python, R Studio, Tableau and other programming languages. With a passion in data manipulation and solving complex problems, I am eager to combine my skills as an analyst to improve my data analysis experience.

Skills

- Microsoft Excel (VLookup, Conditional Formatting, Pivot Tables)
- Python
- SQL (SQL Server, MySQL, SQL Lite)
- Tableau
- Microsoft Power BI
- Microsoft Office 365

Projects

EDA ON NYC PIZZA DATABASE – Personal Project – Clinton, NJ June 2024

- Cleaned and worked with NYC pizza sales database with 45,000+ rows of data
- Utilized **Artificial Intelligence** to assist in creating meaningful questions about the data
- Worked with **MySQL** to create and run queries to complete said questions correctly and effectively

GLOBAL GDP GROWTH FORECASTS – School Project – New Brunswick, NJ April 2024

- Extracted ten countries with the highest GDP growth from a dataset into Excel and cleaned data
- Imported data into **R Studio** and visualized data through graphs
- Conducted forecasts of GDP growths utilizing a kpss test to test accuracy of predictions
- Simulated and predicted future trends in five years for the ten countries with a 95% accuracy rate

INFLUENZA INOCULATIONS DASHBOARD – School Project – New Brunswick, NJ March 2023

- Extracted influenza inoculation data from the 50 states in a ten-year time period and created **pivot tables** to organize data
- Created tables using **SQL Lite** by applying joins to the Excel data to join tables together
- Constructed multiple visualizations on **Tableau** to convey the data including line, pie and map charts

Work Experience

WORKPLACE ENGINEER – Educational Testing Service – Princeton, NJ June 2023 - August 2023

- Worked as a team to create usability improvements to the application ServiceNow to increase ticket turnover by over 20%
- Gathered data and metrics from databased into Microsoft Power BI to use in presentations for senior leaders
- Utilized Excel to clean and aggregate data to visualize data on dashboard
- Assisted in testing service requests through ServiceNow to increase the efficiency and finalize them for production

FRONT END CASHIER – Lowe's – Flemington, NJ May 2021 - August 2021

Education

BACHELOR OF SCIENCE IN BUSINESS – Rutgers University – New Brunswick, NJ Sep 2022 – May 2024

Major: Business Analytics and Information Technology

GPA: 3.35 / 4.0

Awards / Honors: Dean's List, Business Junior Lead for Rutgers Formula Racing

Relevant Coursework : Time Series Modeling, Risk Modeling, Foundations of Business Programming, Data Mining

ASSOCIATES OF SCIENCE IN BUSINESS – Raritan Valley Community College – Branchburg, NJ Sep 2020 – Aug 2022

Major: Business Administration

GPA: 3.55 / 4.0

Awards / Honors: Dean's List, Member of the National Society of Leadership and Success, Phi Theta Kappa honors fraternity

