Spencer Timothy
Data Analyst
📍 **Salt Lake City, Utah**

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As a data analyst, I possess a strong analytical mindset and technical expertise in data visualization, statistical analysis, and multiple programming languages such as Python and SQL. With a degree in Mathematics and experience working on multiple data analysis projects, my goal is to apply my skills to contribute to data-driven decision-making and drive business growth.

Education

University of Utah / Salt Lake City, Utah   *December 2019*
B.S. Mathematics

Projects

Modern Portfolio Theory Investment Analysis :
This Python-based project utilized Modern Portfolio Theory to construct an optimal portfolio by analyzing price changes, price correlations, and utilizing the Markowitz Bullet, the project aimed to maximize returns while minimizing risk.

Mass Shootings Data Analysis :
This analysis uses Python to explore mass shootings in the US from 1982-2022, including trends in location, age of shooters, and total victims per year. A 3D interactive geospatial map is also included.

U.S. Census Data Analysis :
This project analyzes U.S. Census data from 2015-2017, examining changes in median household income and population at the state/territory level using SQL and Tableau visualizations.

Relavent Skills

`Python`   `SQL Server`   `Tableau`   `Microsoft Excel`   `Macros`   `VBA`
`Google Sheets`   `Apps Script`

Work Experience

Education Ministry, Spain: *Oct. 2020 - Jun. 2023*
ESL Teacher

- Collaborated with colleagues to analyze and interpret student performance, leading to targeted interventions and improved outcomes.
- Developed and delivered English lessons using data-driven strategies to maximize student engagement and learning outcomes.

VIPKid/Gogokid: *Nov. 2020 - Oct. 2022*
Remote ESL Teacher

- Provided detailed feedback to students and their parents based on performance evaluations, resulting in a high level of overall satisfaction.
- Stayed up-to-date on industry trends and best practices through ongoing professional development and training opportunities.

Red Iguana: *Feb. 2015 - Sep. 2020*
Hospitality Professional

- Operated point of sale systems and tracked sales data to optimize menu offerings and inventory management.
- Collaborated with cross-functional teams to develop and implement process improvements, resulting in increased efficiency and productivity.