Matthew Jude Fritscher

Covington, Louisiana | (985)-867-0661| mfrits2@lsu.edu |mfritscher555.github.io

As a bilingual data professional with a Master's degree in Analytics, Mr. Fritscher has a proven track record of effectively managing projects and delivering impactful results. He is currently seeking a position in data analytics/science to leverage skills that will allow him to analyze complex data and create actionable intelligence. In addition to his experience in a client-facing role, he has a background in economics and international trade & finance.

EDUCATION

Louisiana State University Baton Rouge, LA
Master of Science in Analytics

Louisiana State University, Baton Rouge, LA
Bachelor of Science, Economics - International Trade & Finance, ***Summa Cum Laude***
Minor, Spanish

Universidad de Granada: Centro de Lenguas Modernas, Granada, España

- Demonstrated proficiency in cross-cultural communication and public speaking by delivering presentations on Spanish culture and history in the Spanish language.

PROFESSIONAL EXPERIENCE

Project Manager **Jan 2023 – May 2023**
Louisiana State University – MS Analytics Consulting Project (First Guaranty Bank)

- Led a semester-long project to create Tableau dashboards that monitored deposit trends for First Guaranty Bank, resulting in enhanced decision-making capabilities and more efficient operations.
- Worked in tandem with a team of six to collect and analyze data, design and create visualizations, and present key findings to the bank's senior executives.
- Implemented Agile project management methodologies and tools to ensure that all milestones and deliverables were delivered on time.

Graduate Assistant **July 2022 – May 2023**
Louisiana State University – Center for Analytics & Research for Transportation Safety (CARTS)

- Collaborated with the analytics team to develop two customized Python desktop applications for a Data Integration project. Expertly integrated data from Louisiana State Police Crime Lab and Emergency Medical Services (EMS) with the CARTS databases, resulting in improved overall functionality and data accuracy.
- Developed an Excel-based statewide calculator to monitor crash percentage by highway classification and other relevant factors. Employed dynamic formulas to simplify future data input. Aligned the tool with the Department of Transportation and Development's (DOTD) standards, guaranteeing a sound integration with current data tracking processes.
- Re-factored a Tableau application used for the Highway Safety Improvement Program (HSIP) to comply with the updated MMUC5 convention for crash data, ensuring all data was properly formatted and ready for analysis. Implemented dynamic calculations in Tableau to automatically adjust filters, improving the user experience and eliminating the need to manually update the application for new data.
- Ensured seamless operation of web applications on the CARTS website by creating comprehensive documentation for the utilized Python scripts. Provided in-depth explanations of the scripts' functionality, enabling efficient troubleshooting and streamlined maintenance of the applications.

SKILLS & OTHER DISTINCTIONS

- Programming Languages: Python, R, SQL (mySQL, T-SQL)
- Data Visualization: Tableau, seaborn, matplotlib, ggplot2
- Data Manipulation: scrapy, numpy, pandas
- Other Tools/Frameworks: JMP, STATA, Excel Solver/Analysis Toolkpak, scipy