

Fabrizio Petrozzi

Location || **LinkedIn** || **Email** || **Phone** || **Portfolio**
St. Petersburg, FL || [linkedin.com/in/fabriziopetrozzi/](https://www.linkedin.com/in/fabriziopetrozzi/) || petrozzi@usf.edu || 727-348-3925 || f-petrozzi.github.io/

EDUCATION

University of South Florida Tampa, FL
Master of Science in Artificial Intelligence and Business Analytics, **GPA 4.0** Aug 2024 - May 2026
University of South Florida St. Petersburg, FL
Bachelor of Science in Business Management, **GPA 3.98, Honors, Dean's List** Aug 2019 - Aug 2023

SKILLS

Programming Languages & Tools: Python, SQL, RStudio, MongoDB, Amazon Redshift, Tableau
Data & IT Expertise: Data Analytics, Machine Learning, Software Development Fundamentals, Data Cleaning, Data Modeling, Database Management (Schema Design, CRUD Operations)
Professional & Office Tools: Agile Methodologies, Effective Communication, Team Collaboration

RELEVANT PROJECTS

Aug 2024

Amazon Redshift Data Analysis (SQL): Transformed raw product and customer review data into a structured relational database. Utilized ACID-compliant transactions and CRUD operations to uncover trends in product performance and user sentiment. Collaborated with a cross-functional team and applied Agile methodologies to efficiently distribute tasks, track progress, and deliver actionable insights on schedule.

MongoDB Business Use Case (VS Code): Engineered a dynamic healthcare database, seamlessly integrating patient records, doctor schedules, and billing information. Designed efficient aggregation pipelines to streamline data processing and enhance decision-making.

Titanic Survival Prediction (Python): Built predictive models to decode survival probabilities from historical passenger data. Fine-tuned Decision Tree and Naive Bayes classifiers, reaching 89% accuracy while revealing key factors influencing survival outcomes.

Multiple Regression Analysis (R): Mapped real estate market dynamics through statistical modeling. Identified price drivers, tested for multicollinearity, and provided data-backed insights for investment strategies.

PROFESSIONAL EXPERIENCE

USF MUMA College of Business Tampa, FL
Graduate Teaching Assistant, CGS 2100: Computers in Business Aug 2024 - Present

- Collaborated with nine coworkers to deliver technical support and in-class guidance on business analysis software tools and quality management to over 680 students.

Raymond James Bank St. Petersburg, FL
Managed Customer Accounts Associate Nov 2023 - Aug 2024

- Reconciled and managed 100+ client accounts independently daily, with transactional values exceeding \$10M, ensuring precision, accuracy, and data integrity.
- Utilized financial software applications and analytical skills to identify and resolve discrepancies, improving customer satisfaction ratings by 15%.

University of South Florida Housing St. Petersburg, FL
Resident Assistant Aug 2021 - Aug 2023

- Managed safety and community engagement for 300+ residents across three buildings, led on-call rotations, organized inclusive events that increased resident participation by 25%, and maintained professional communication with supervisors to ensure timely resolution of resident concerns.

University of South Florida St. Petersburg, FL
UMatter Program Residential Mentor May 2021 - Aug 2023

- Mentored over 20 students with intellectual disabilities, ensuring academic and personal growth while promoting a 100% inclusive campus environment.

AWARDS & HONORS

USF Golden Bull Award, 2023 || USF MUMA College of Business 25 under 25 Honoree, 2023 ||
USFSP Housing RA of the Year, 2022 || USFSP Chancellor's Leadership Council (CLC) Award, 2019 – 2023 ||
USF Dean's List 2019-2023 || USF Honor's College 2019-2023 ||