

Samantha Mays

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PROFESSIONAL SUMMARY

Business analyst that has worked in diverse industries. Builds dashboards to better understand KPIs and provide actionable insights to leadership, owns multiple data sources that provides data for analyses, and uses programs to develop scripts that makes data collection more efficient for offices in other regions.

TECHNICAL SKILLS

Technical Skills: MS Excel, MS Power BI, MS Power Apps

Software: Prism, Qlik Sense

Programming Languages: Java, R, C#, HTML, CSS

Database: mySQL basics, MS Access

WORK EXPERIENCE

Blue Water Shipping, O&E Projects

December 2021 - Present

Business Analyst

Houston, TX

Build tools to assist team members on daily activities and create dashboards to help upper management understand our KPIs so we can work to improve them.

- Collaborated with our China team to build a script in R that combines data from three data sets with over 2000 data points, cleans text data with 95% accuracy, and outputs a data file used for weekly calls with a client. With this script, production of the output file was increased by 900%.
- Learned how to build a web scraper using R. Using this skill, a script has been built to input data and collect the outputs on a specific website to calculate CO2 emissions on transit routes, removing manual work and decreasing calculation time by 40%.
- Designed a Power BI dashboard that tracks bids that have been completed and quotes that have been won for client shipments. Programmed a script to automatically extract the data, clean and upload it, resulting in the 1st automated in the company to track this KPI, allowing management to understand our conversion rates.

LivaNova, Competitive Intelligence and Data Analytics

June 2019 – November 2021

Business Analyst/Associate Marketing Analyst

Houston, TX

Aid team members and other departments in making informed decisions about the business through data analysis and data visualization.

- Led a team of 3 that built an alternative forecast model using R studio to predict end-of-service implants, helping Sales calculate their units sold quarterly target, and aiding Commercial Operations set goals for reaching out to patients to receive new devices. As a result, we have increased accuracy of predicted implants to be within 6% of actuals, and increased forecast production by 200%.
- Taught myself programming syntax for Qlik sense, the company's data modeling tool. Since learning this, 5 dashboards have been built while working collaboratively with 3 different business units, resulting in automated reporting, which helped these units be 50% more effective with actionable insights.
- Utilized a third-party vendor's database using SQL to identify Community Neurologists that refer patients to Comprehensive Epilepsy Centers for specific procedures. Found over 3,500 Neurologists for the Commercial Operations team that were potential new prospects for prescribing our device.

EDUCATION

University of Florida, Hough Graduate School of Business

May 2019

Master of Science in Information Systems and Operations Management (ISOM)

Gainesville, FL

- Track: Information Technology
- GPA: 3.78/4.00, KPMG Merit Scholarship Recipient

University of Florida, College of Health and Human Performance

May 2016

Bachelor of Science – Applied Physiology and Kinesiology, Exercise Physiology

Gainesville, FL

- GPA: 3.72/4.00, Summa Cum Laude

HOBBIES

- Dancing Salsa and Bachata – began in 2014