

REBECCA FROST-BREWER

DATA SCIENCE, ANALYSIS, MACHINE LEARNING, INSIGHTS, VISUALIZATION 📞 703-901-4085

◦ DETAILS ◦

703-901-4085
frostbrewerr@gmail.com
github.com/rfb-vibe
frostbrewer.com

◦ TECHNICAL SKILLS ◦

R Programming
Python
SQL
MongoDB

◦ HARD SKILLS ◦

Quantitative Analysis
Data Visualization
Data Analysis

◦ PROFESSIONAL SKILLS ◦

Communication
Problem-Solving
Generating Hypotheses
Asking Questions
High-Level Strategic Planning
Project Management

👤 PROFILE

Data scientist with 2+ years of broad experience in completing exploratory data analysis, conducting quantitative analysis, and creating data visualizations. Proficient in data cleaning and preprocessing, hypothesis testing, and regression analysis as well as programming languages R and Python.

🎓 DATA SCIENCE EDUCATION

Data Science, Flatiron School

July 2022

- Data cleaning and structures, exploratory data analysis, and webscraping
- Sampling methods, hypothesis testing, A/B testing, linear regressions, and model analyses
- Logistic regression, optimization cost function, pipeline building, and decision trees
- Neural networks, time series analysis, natural language processing, text vectorization

Political Science (MA), Georgia State University, Atlanta

December 2021

- Quantitative analysis, exploratory data analysis, regression, text analysis, data visualization
- Research methods and critical analysis
- R Programming using tidyverse, ggplot

⚙️ DATA SCIENCE PROJECTS AND COURSEWORK

- Logistic Regression
- Machine Learning Fundamentals
- Multiple Linear Regression Modeling to Analyze Home Sale Prices
- Exploratory Data Analysis
- Linear Regression Analysis of American National Election Studies data
- Data Visualizations

📁 EMPLOYMENT HISTORY

Accommodation Support Specialist (Savannah College of Art and Design), Atlanta

Jan 2019 – Sep 2021

Collected data from various data sources including surveys and internal information databases to assess client needs, services, and progress. Performed exploratory data analysis to find trends in disabled student populations related to services and resources. Proposed solutions to identified needs discovered in analyses. Assessed effectiveness of disability accommodations and accuracy of accommodation implementation across three divisions and twenty academic units for 150 students.

Assistant Director, Disability Services (Georgia Institute of Technology), Atlanta

Oct 2017 – Jan 2019

Conducted service process analysis for the note-taking program and identified critical issues, gaps, and needs for to propose new hiring and training procedures for greater efficiency. Ensured successful implementation of improved client communication systems. Developed Key Performance Indicators to monitor, track, and predict future client needs and presented these findings and proposed solutions to management.

Director, Academic Resource Center (Whitman College), Walla Walla, WA

June 2015 – April 2017

Oversaw early intervention programs, tracked student degree progress using dashboards and data organization tools. Utilized available data and statistics for reporting and tracking purposes. Wrote analytics reports for management demonstrating impact of office services.