# REBECCA FROST-BREWER

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

## ○ DETAILS ○

703-901-4085
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## ○ TECHNICAL SKILLS ○

R Programming
Python
SQLite3
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, data processing, and hypothesis testing 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 analysisata visualization
- Research methods and critical analysis
- R Programming using tidyverse, ggplot

## ✔ DATA SCIENCE PROJECTS AND COURSEWORK

- Exploratory Data Analysis: The Ames, IA Housing Dataset
- Data Cleaning, Aggregation, and Visualization: Superheroes
- Querying a Customer Database Using SQLite3
- Data Analysis for Business Insights with Informed Recommendations
- Linear Regression Analysis of American National Election Studies data
- Visualizing Rat Sighting in NYC using R and ggplot
- Visualizing Spotify Trends using R, ggplot, and Canva

## 💼 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.