

REBECCA FROST-BREWER

DATA SCIENTIST

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EDUCATION

DATA SCIENCE

Flatiron School

Feb 2022 - present

MA - POLITICAL SCIENCE

Georgia State University

Aug 2020 - Dec 2021

SKILLS

- Knowledge of ML model creation and execution with scikit-learn in Python
- Proficiency in Python, R, and SQL
- Strong communication skills with record of public presentations
- Data visualization with ggplot2 in R or seaborn/matplotlib in Python
- Usage of professional coding conventions (PEP 8)
- Adept at articulating and documenting project needs
- Problem-solving
- Project management experience

PROFILE

I am a data scientist, obsessed with solving challenging problems by exploring and analyzing large datasets. I am deeply curious about solving business problems by exploring large datasets and keen to deliver meaningful insights and predictions about emerging trends to inform solutions. I am energized by the research and modeling process.

DATA SCIENCE EXPERIENCE

SOLVING A CLASSIFICATION PROBLEM

Flatiron School

May 2022

- Apply appropriate preprocessing and feature engineering steps in preparation for predictive modeling
- Demonstrate iterative approach to modeling, building different kind of models (decision trees, random forests, k-nearest neighbors, XGBoost), tuning hyperparameters, and assessing classification metrics (F1-scores)

MULTIPLE LINEAR REGRESSION

Flatiron School

April 2022

- Identify the appropriate modeling technique given a problem statement based on the availability, variety, and quality of data
- Build a baseline linear regression model as well as several iterative models, and extract insights from a final multiple linear regression model to make business recommendations
- Communicate regression results of statistical analyses to diverse audience via writing and oral presentation

PROFESSIONAL EXPERIENCE

SUPPORT SPECIALIST

Savannah College of Art and Design

2019 - 2021

- Conducted analysis of internal datasets to extract insights to drive program and service decision-making
- Defined measures of success, developed and communicated both findings and recommendations to non-technical audiences
- Built self-service tools for ongoing monitoring of trends

ASSISTANT DIRECTOR

Georgia Institute of Technology

2017 - 2019

- 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