DAVID SALTZMAN, PhD, MS

Providence, Rhode Island

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PROFESSIONAL SUMMARY

- Data analyst with 7+ years of experience generating insights from complex datasets using statistical and machine learning models, with extensive experience building regression models
- Data storyteller who has translated complex scientific ideas into meaningful actions and communicated them in 10+ presentations to audiences of varying expertise
- A history of bringing projects to completion both independently and in cross-functional teams

WORK EXPERIENCE

QueBIT Consulting   06/2022 – 03/2023
Data Science Intern   *Scarsdale, NY*

- Increased predictive forecasting accuracy by 10-25% by researching, testing, and implementing 8+ new forecasting models in collaboration with a cross-functional team
- Identified and addressed potential performance bottlenecks by working with software engineers to productionize R code
- Updated forecasting SOP by communicating improvements to forecasting pipeline at two company-wide webinars

University of Connecticut   08/2018 – Present
Research Fellow   *Storrs, CT*

- Designed, implemented, and analyzed 15+ A/B testing experiments that lead to 10+ publications in scientific journals by using mixed effects regression models, linear regression, logistic regression, and ANOVA
- Extracted insights from complex, multidimensional datasets on 10+ projects by using R (Tidyverse, Tidymodels) and Python (pandas, numpy)

University of Connecticut Language & Brain Lab   07/2016 – 07/2018
Lab Manager   *Storrs, CT*

- Successfully carried out 2+ experiments from research grant by directly supervising team of 8-12 research assistants

SKILLS

- **Programming Experience:** R (9 years), Python (3 years), SQL (1 year)
- **Data manipulation and ETL:** R Tidyverse, Python pandas, SQL
- **Predictive forecasting:** Fable, Modeltime, Prophet
- **Predictive modeling:** Linear & Logistic Regression (including mixed effects models), Deep Learning (Keras), Random Forest, XGBoost
- **Data visualization**: ggplot2, R Shiny, Seaborn
- **A/B testing and experimental design**
- **Microsoft Office Suite:** Excel, PowerPoint, Word, Visio

EDUCATION

Ph.D, M.S., Language & Cognition   2018-2023, University of Connecticut, Storrs, CT

M.S., Psychology   2014-2016, Villanova University, Villanova, PA

B.A., Psychology   2009-2013, Providence College, Providence, RI