

## JASON TAYLOR

### DATA SCIENTIST

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Experienced leader translating and delivering business value through technology. Broad range of technical proficiency, including data analysis, modeling, and visualization. Passionate about using technology and collaboration to make a positive impact.

### DISCOUNT TIRE - 2013-PRESENT

#### DATA SCIENTIST / INNOVATION

Data Science Principle R Programmer

Developed the Technical Innovation Program

- Developed market forecasting algorithm for staffing utilized by more than 1000 retail locations improving accuracy and efficiency.
- Perform extensive data cleansing, feature engineering, and imputation work enabling more responsive model selection.
- Deliver quantitative analysis of new technology adoption via Shiny application which enables review of critical metrics providing insights toward prioritizing improvements.
- Brought reproducibility to the analytics team with internal R package which includes code for system connectivity, parameterized data filtering, and integrated documentation.
- Assist business analysts by automating data collection and analytics with scripted R solutions.

### BRYAN UNIVERSITY 2018-PRESENT

#### TEACHING ASSISTANT – MASTER OF PUBLIC HEALTH PROGRAM

- Develop datasets, r code assignments, and video lectures
- Provide students assistance with assignments via online meetings and discussion groups
- Grade assignment code and capstone submissions

## SKILLS:

**R Programming:** (Package Development, Profiling, RStudio, tidyverse, timeseries)

**Data Analytics:** (Data Mining, Exploratory Analysis, Imputation, Modeling)

**Data Visualization:** (flexdashboard, gganimate, ggplot2, ggvis, rbokeh, Shiny)

**Reproducible Research:** (blogdown, git, rmarkdown, travis-ci)

**Cloud Computing - AWS:** (Athena, DynamoDB, EC2, IAM, Redshift, S3)

**Machine Learning:** (caret, Clustering, Random Forest, Regression)

**Statistical Analysis Other:** (Java, Javascript, JMP, JSON, Python, SQL, XML)