Doug Raffle

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PORTFOLIO

This is a current listing of the projects listed in my portfolio, including brief descriptions, references to the relevant sections on my portfolio page, and names of the Github repositories on my page containing the projects.

Complete descriptions and links to the projects can be found on the protfolio page of my website (http://stat.wvu.edu/~draffle/portfolio.html), and all source code can be viewed on my Github page (http://github.com/raffled/).

STREAMING ANALYSIS

Presentation, tutorial, and sample Shiny dashboard for simulating a streaming framework for analyzing tweets in `R` using the packages `RStorm` and `twitteR`. Presented at Interface 2015.

Portfolio Section: Streaming Analysis
Github Repository: twitteRStorm

SENTIMENT ANALYSIS

Sentiment analysis of tweets referencing Mylan Pharmaceuticals on April 24, 2015.

Portfolio Section: Sentiment Analysis: Mylan Pharmaceuticals
Github Repository: Sentiment

USGS SEISMIC DATA

Interactive Shiny Map, Exploratory Data Analysis, and Predictive Modeling of seismic events from publicly available USGS data.

Portfolio Section: USGS Seismic Data
Github Repository: seismic

BOSTON HOUSING

Exploration of housing data collected in Boston during the 70s using `ggplot2` and `ggvis`.

Portfolio Section: Boston Housing: Data Visualization
Github Repository: boston-vis

HADOOP: MSNBC PAGE VIEWS

Simple projects using Hadoop and Rhipe to analyze pageview data for MSNBC.com.

Portfolio Section: Hadoop: MSNBC Page Views
Github Repository: STAT624/hw Assignments 2 and 3

DATA MINING

Series of projects which implement popular machine learning algorithms in R.

Portfolio Section: Data Mining Algorithms
Github Repository: Data-Mining

WEST VIRGINIA DIALECT PROJECT

PDF of a report written while working with the West Virginia Dialect Project analyzing sociolinguistic variation in the Appalachian region.

Portfolio Section: West Virginia Dialect Project
Github Repository: WVDP