

Jon Kislin

Data Scientist

Skills

Multivariate Data Analysis

Regression
Classification
Dimensionality Reduction

Database Management

mongoDB | postgresQL

Web Scraping

Scrapy | Selenium
Twitter API with Tweepy

Proficiency in Python

Pandas | NumPy
scikit-learn
pyspark

Social Network Analysis

networkX

Natural Language Processing

Natural Language ToolKit
TextBlob
scikit-learn

Visualization

matplotlib | seaborn
Gephi

Additional Skills

Amazon EC2
Docker
Git and Github
Jekyll
R
Survey study design
Unix Command Line
NodeJS (novice)

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Experience

Metis Data Science, *Data Scientist*

Jan - Apr 2018

Completed a 12-week immersive data science program covering machine learning, data analysis, visualization, and communication. Completed 5 projects from conception to presentation, including data collection, analysis, and modeling. Selected projects include:

1. Traversing the Trump Twitterverse

Modeled network structure of over 3 million tweets referencing “@realDonaldTrump.” Identified meaningful communities, performed topic model analyses, and identified key users by PageRank and Betweenness Centrality. Visualized with Gephi and custom JavaScript packages.

2. Different Worlds

Performed topic modeling of Sean Hannity and Rachel Maddow talk show transcripts. Used NLTK and Latent Dirichlet Allocation to discover similarities in topics, and charted trends over time using matplotlib.

3. Will They Survive?

Predicted hostage situation outcomes with data from START Global Terrorism Database. Used Random Forest classifiers to model outcome likelihood with 80% accuracy.

NuVue Window Factory, *Office Manager*

Jul 2016 - Jan 2018

Interacted with customers for purchases and service, resolved customer disputes, and handled delivery-route logistics.

Education

State University of New York College at Geneseo B.A. Psychology and Philosophy

SUNY Geneseo Psychology Department

Research Assistant

Aug 2014 - May 2016

• Personality Predictors of Student Activism Intentions

Independently authored survey study: Examined links between big-five personality traits and willingness to engage in both civil and radical activism behaviors. Presented findings at Geneseo’s 10th annual GREAT Day Conference.