

# Jon Kislin

Data Scientist

## Skills

### Multivariate Data Analysis

Regression  
Classification  
Dimensionality Reduction

### Database Management

mongoDB | postgresSQL

### 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 inception 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.