

SEAN SISLER

DATA SCIENTIST

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SUMMARY

Focused, fast-learning, and curious data scientist with a background in creative and expository writing. Focused on problem solving through research and data-driven processes. Passionate about finding story through data exploration, analysis, and representation insights.

SKILLS

LANGUAGES: Python, SQL, R

FRAMEWORKS: Scikit-learn, pandas, numpy, BeautifulSoup, NLTK, Gensim, selenium, APIs

DATA MANAGEMENT: AWS, Google Cloud Platform, PostgreSQL, MongoDB

VISUALIZATION: matplotlib, seaborn, Plotly, Tableau, d3.js

WEB TECHNOLOGIES: HTML, CSS, JavaScript

MODELING: Linear Regression, Logistic Regression, LDA, KNN, Decision Trees, Random Forests, SVM, NMF

SOFT SKILLS: Accuracy, Analytic, Detail oriented, Multitasking, Effective communicator, Efficient collaborator

EXPERIENCE

Metis, Data Scientist, New York, NY

June 2020 - Sept. 2020

Completed an immersive 12-week data science bootcamp with an emphasis on creating and deploying self-directed data science projects.

Build predictive models while utilizing data wrangling, statistical modeling, machine learning algorithms, and various visualization techniques.

Tremendous patterns in speech, really very fantastic

- An analysis of the Trump Administration via NLP.
- Utilized sentiment analysis to compare the four most frequent speakers in Press Briefing transcripts, the President and Press Secretaries and topic modeling to analyze the topics over Trump's term in office.
- Tools used: Python, spacy, NLTK, pandas, Gensim, BeautifulSoup, seaborn, Plotly, pyLDAvis, Tableau.

Contact-tracing and the MTA

- Used MTA turnstile data and COVID data in tandem to find optimal stations to advertise contact-tracing information.
- Utilized exploratory data analysis to find trends in virus hotspots and find areas for future work.
- Tools used: Python, pandas, seaborn, numpy.

Everyone's a Critic: Predicting Metacritic Scores

- Scraped data from Metacritic, IMDb to use information about actors and crew to predict Metacritic score.
- Lorem ipsum dolor sit amet, sed et quis timeam instructor. Cum viderer similique at, alia blandit mea ad.
- Tools used: Python, pandas, seaborn, scikit-learn, BeautifulSoup, Selenium

Did You See In The Times?

- An analysis of the New York Time archive since 1981.
- Topic modeled various keywords and material types and utilized sentiment analysis to observe trends in relation to the similar analysis of Opinion section.
- Tools used: Python, spacy, NLTK, pandas, Gensim, BeautifulSoup, seaborn, Plotly, pyLDAvis, statsmodel, Tableau.

Kirsh Bakery and Kitchen, Lead Server, New York, NY

Dec. 2018 - Current

Duties relied heavily on interpersonal skills with guests, delivering an experience and product that is consistent in quality. Conflict mitigation and resolution to ensure guest satisfaction. Worked effectively with colleagues, relaying concerns or information between management to service and support team.

EDUCATION

University at Buffalo

BA English Literature 2017

Relevant coursework: College Calculus I & II, Statistical Methods, Critical Theory