

# Harrison S. Jansma

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## PROFESSIONAL SUMMARY

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Data Scientist • Machine Learning Engineer

## EDUCATION

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**The University of Texas at Dallas** **Aug 2018 – May 2020**  
Master's in Computer Science, Data Science Track

**Baylor University** **Aug 2013 – May 2017**  
BBA Business Fellows, Mathematics

## TECHNICAL SKILLS

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- Highly proficient: Python, Data Visualization, Clustering, Classification, NLP
- Proficient: SQL, C++, Versioning (Git), Shell, Statistical Analysis
- Familiar: Docker, AWS, Spark

## WORK EXPERIENCE

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**Self-Taught Data Scientist** Plano, Texas **Jan 2018 - present**  
*Designed my own data science curriculum. Studied Python, data engineering, and machine learning full-time. Enrolled in master's program to develop software engineering skills.*

- Designed several full-cycle data science projects. Performed data collection, cleaning, and analytics with deliberate attention towards industry best practices. Used industry standard tooling: Python, SQL, AWS, Git, and various data science packages.

**Data Journalist** Plano, Texas **Aug 2018 - present**  
*Published informative articles for top data-science publications. Built a network of over three thousand subscribers by delivering high-quality content and visualizations.*

- Featured in some of the internet's top analytics publications: freeCodeCamp (498k subscribers), KD Nuggets (230k subscribers) and Towards Data Science (124k subscribers).

## PERSONAL PROJECTS

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**Political Sentiment Mapping (Freelance Project)** **Nov 2018 - Present**  
*In collaboration with researchers at the University of Pennsylvania, used Twitter data to capture the effect of contentious political events on population-wide emotion levels.*

- Designed scripts with Python to load and process millions of Twitter user histories.
- Classified emotion of Tweets using cutting-edge deep learning methods (LSTMs).
- Performed statistical analysis of pre/post populations to measure effect of events.

**Analyzing 1.4 Million Medium Stories** **Oct 2018**  
*Scraped a massive dataset of stories from Medium.com. Used this data to create a performance metric for authors to compare their reader-engagement to that of similar authors.*

- Scraped data from 1.4 million Medium stories, roughly 13% of story-volume of 2016.
- Created a topic-based performance metric to compare reader-engagement of similar stories.