

# Jonathan Ware

## DATA SCIENTIST

(830) 837-3952 ◊ [jonathan.ware02@gmail.com](mailto:jonathan.ware02@gmail.com) ◊ [LinkedIn](#) ◊ [GitHub](#)

Eager Data Scientist with experience in leadership, team collaboration, and content moderation ready to use my programming skills and analytical experience to find gaps and insights to deliver on a company's overall mission.

## TECHNICAL SKILLS

Python - SQL - Pandas - NumPy - SciKitLearn - Web Scraping - Applied Statistics - Machine Learning - Classification - Regression - Clustering - Time Series Analysis - Anomaly Detection - Natural Language Processing - Matplotlib - Seaborn - Tableau - Spark - Git - GitHub - Command Line Interface - Data Storytelling

## DATA SCIENCE PROJECTS

### [Top Forked GitHub Analysis](#) - NLP Project

Aug 2023

Collaborated on an NLP project to identify Python and JavaScript keywords in top GitHub repos. Used Beautiful Soup for web scraping and NLTK for NLP, demonstrating skills in web scraping, NLP analysis, and classification techniques. Python accounted for 54% of keywords compared to JavaScript's 46% in READMEs.

### [Chicago Crime Report Project](#) - Time Series Project

Aug 2023

Conducted a time analysis project using Kaggle's Chicago crime report data to predict certain crime types for the following year. 5 years of crime reports were used in the data set. Project utilizes Python, scikit-learn, pandas, and data visualization.

### [California Wine Quality Prediction](#) - Clustering Project

July 2023

Using the data from the California Wine Institute, I used unsupervised learning to discover what drives wine quality and predict it. Presented my findings to my peers and offered insights for winery supply chain marketing. Used Python, scikit-learn, pandas, and data visualization.

### [Zillow Property Value Prediction](#) - Regression Project

July 2023

Constructed a Zillow machine learning regression model, aimed at forecasting property tax assessed values for Single Family Properties in the year 2017. This project involved thorough exploratory data analysis, shedding light on the critical factors influencing property values. I used Python, scikit-learn, pandas, and matplotlib, giving back valuable insights in the environment of real estate data.

### [Telco Churn](#) - Classification Project

Jun 2023

Guided a detailed analysis of customer churn in the Telco industry, delving deep into the causes behind customer attrition and constructing a machine learning classification model to predict churn. I documented this journey within Jupyter notebook, crafting reusable modules for future data analysis. My toolkit featured Python, scikit-learn, pandas, and matplotlib, amplifying the power of data for informed decisions.

## EDUCATION

### Codeup

Data Science Certification of Completion

Apr 2020 - Sep 2023

Fully-immersive, project-based 20-week career accelerator that provided me with 670+ hours of expert instruction in applied data science. Developed expertise across the full pipeline (planning, acquisition, preparation, exploration, modeling, storytelling), and become comfortable working with real, messy data to deliver actionable insights to diverse stakeholders.

## PROFESSIONAL EXPERIENCE

**TaskUs Inc.** - New Braunfels, TX  
*Content Moderation Manager*

Mar 2018 - Jan 2023

- Managed and led an 80-member content moderation team in reviewing social media content, ensuring compliance with platform media policies and guidelines.
- Spearheaded the development and implementation of novel media label placement categories, enhancing the depth of insights for clients.
- Played a crucial role in refining and expanding content moderation policies to ensure alignment with industry standards and comprehensive coverage.
- Collaborated cross-functionally to optimize the efficiency and accuracy of content review processes, resulting in improved platform integrity.
- Utilized analytical thinking to identify trends and patterns within the moderated content, providing actionable recommendations to enhance the moderation process.

## CERTIFICATIONS

**Amazon Web Services**

Aug 2023 - *In progress*

Currently working on getting AWS Certified Cloud Practitioner certification to dive deep into AWS cloud technology. Excited to expand my knowledge and skills in cloud computing to make a positive impact in the tech world.