

JACY MARMADUKE

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Portfolio: jacymarmaduke.github.io / [LinkedIn](#) / [GitHub](#)

EDUCATION

DATA ANALYTICS PROGRAM

Career Foundry - 2023

- Intensive project-based online training program with a focus on data analysis and visual storytelling.

BACHELOR'S OF JOURNALISM

University of Nebraska-Lincoln - 2015

SKILLS

- Python
- SQL (PostgreSQL, MySQL)
- Excel
- Git & GitHub
- Power BI
- Tableau
- Google Analytics
- Data cleaning and wrangling
- Machine learning

VOLUNTEER WORK

Career coach - Imagine Foundation

November 2022- present

- Mentor software developers from Africa, the Middle East and South Asia seeking career advancement in Europe.
- Enhance application success with personalized feedback and one-on-one meetings.

LANGUAGES

English - native

German - B1

SUMMARY

Data analyst with a background in investigative journalism and a knack for navigating complex datasets without losing sight of the big picture. Pair storytelling techniques with technical expertise to transform data into nuanced insights that guide informed decision-making.

PROJECTS

GERMAN RENT ANALYSIS

- Designed a data-based guide to apartment hunting in Germany, using correlation-testing, linear regression, geographic analysis and k-means clustering in Python to uncover useful insights for renters.
- Merged thousands of web-scraped apartment listings with an independently compiled population dataset to reveal the most influential factors driving rent and identify distinct apartment types.
- Illustrated analysis in Tableau storyboard with consumer-focused interactive maps and charts, including tools for personalized rent targets and finding "hidden gem" apartments.
- Tools: [Python](#), [Tableau](#)

EXPERIENCE

DATA JOURNALIST - THE COLORADOAN

Fort Collins, Colorado (U.S.)

August 2015 - July 2022

- Combined data with in-depth research and interviews to contextualize issues such as [COVID-19 spread](#), [public policy](#) and [illegal air pollution](#) and guide policymakers in evidence-based decision-making.
- Regularly merged, validated and transformed datasets to meet reporting needs, including ground-up creation of one database.
- Pursued public records; interviewed experts; and cleaned, wrangled and transformed data in Excel to relay the repercussions of unchecked water use on public lands, producing an [interactive, map-based investigation](#) that enhanced understanding of the American water crisis.
- Increased online readership of the local government and environment beats by over 150% and drove thousands of new subscriptions.