

Caitlin Craig

Data Analyst

Greater Nashville Area

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About Me

I am a Data Analyst with a background as a Naturalist. My entry into the data field stems from my joy in gaining knowledge about ecological facts and data and turning that into a narrative others can connect to and learn from. In my position as a volunteer coordinator, I focused on optimizing our volunteer communications and events. Leading over 20 events and restoring crucial forests in part of Nashville's urban setting. After taking a short introduction course to data analytics I have eagerly jumped into the field, craving more, by enrolling in NSS data analytics bootcamp.

Skills

- Excel (VLOOKUPS, PivotTables)
- SQL (PostgreSQL)
- Python
- Tableau
- Power BI
- Data Analysis
- Agile Methodology

Data Analytics Experience

Data Analytics Apprentice, Nashville Software School

Jan 2023 – Present

Data Analyst Apprentice

Intensive full-time bootcamp focusing on data analytics fundamentals and problem solving. Used real-world datasets and included projects where findings were presented to stakeholders from the community.

- Analyzed data using Microsoft Excel, including utilizing pivot tables and lookups, and connected to external data sources using the PowerPivot add-on
- Built and deployed dashboards using Tableau and PowerBI
- Wrangled data and performed exploratory data analysis using Python's *pandas* library
- Created data visualizations using *matplotlib* and *seaborn*
- Gathered data through APIs and webscraping
- Performed geospatial analysis using *geopandas* and *folium*
- Retrieved and analyzed data using PostgreSQL and *sqlalchemy*
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

Work Samples Include

- [City Cemetery Burials \(Excel\)](#): Cleaned and explored dataset on burials at the Nashville City Cemetery from 1846 to 1979 to find interesting facts for marketing materials for the cemetery. Created visualizations on age at death by race, number of burials by year, common causes of death, and more. *Tech Used: Excel, xlookups, PivotTables*
- [Prescribers \(SQL\)](#): Explored and analyzed data from the Centers for Medicare and Medicaid Services Public Use Files on Drs and drug prescriptions. Comparing prescription rates of specialties, providers and locations. Joining tables to analyze drug costs, type and number of claims.
- [GDP and Internet Usage](#): Performed an exploratory data analysis on GDP and internet use statistics in a Jupyter notebook. Manipulated, subset and merged pandas data frames to find and compare statistics. Used matplotlib/ seaborn to create scatterplots, distplots, and facet grids. *Tech Used: Pandas, NumPy, Matplotlib and Seaborn*

Professional Experience

Camp Inglewood – Teacher

Oct 2021 - Present

- Consistently paying attention to small details to ensure the safety of children and provide them with the best learning experience.
- Brainstorming creative solutions to engage classes of 15 - 20 children and encourage them to learn about our natural world.
- Communicating effectively with children, parents, and other educators about class topics, needs, and any concerns.

GROW Enrichment - Volunteer Coordinator

Jan 2017 – Oct 2021

- Volunteering to plan and manage 20 Volunteer events, engaging over 300 volunteers.
- Volunteering to support with miscellaneous administration needs and secretary duties for GROW Enrichment

Education & Certifications

Nashville Software School Expect. Grad.: June 2023 Data Analytics Bootcamp Certification

