

BRIAN HARRIS

<https://www.linkedin.com/in/brian-harris-6937b85b>

<https://brianharriscodes.github.io/BrianHarris.github.io/>

Murfreesboro, TN 37129



Skills

- | | |
|-----------|-----------------------------|
| - SQL | - Microsoft Office Products |
| - Python | - Git |
| - Tableau | - Microsoft Power BI |

Projects

ANALYSIS AND FREQUENCY OF NAMES WEB APP

- Utilized Python to compile list of 100k plus names and frequency since 1880 from Social Security Website
- Implemented Dataframes and aggregated the data into summary statistics
- Compiled the Data into a user-facing web app using streamlit services

EXPLORATORY DATA ANALYSIS OF STACKOVERFLOW DEVELOPER SURVEY

- Explored limits and results of survey data from 2023
- Transformed over 80k rows of responses into insights
- Created visuals within Python and Tableau to explain aspects of the data collected

CHICAGO CRIME ANALYSIS

- Explored a dataset of crime spanning from 2018-2023
- Used SQL and Tableau to answer questions about the nature and safety of cases presented within the data

WEBSCRAPER PROJECT

- Utilized Python to directly collect data from a website
- Transformed and exported data in table form for readability
- Worked with Beautiful Soup library to extract web data

Work Experience

CRIME ANALYST / POLICE OFFICER – Metro Nashville Police Department – Nashville, TN March 2011 - August 2022

- Consolidated and distributed up to date crime statistics and case by case detail to all levels in patrol on a daily basis
- Created Dashboards and tracking projects to distribute amongst teams and supervisors
- Mentored and trained coworkers as a subject-matter expert
- Generated maps (satellite, street, density, heat, etc.) on a Daily basis and upon Request using ArcGIS
- Collaborated with Criminal Investigations to develop Social Network Analysis and tactical analysis for specific cases
- Briefed Management and community members in meetings about current crime trends and safety measures

INVENTORY SUPERVISOR – Borders Bookstores – Brentwood, TN July 2010 - March 2011

- Led Sales staff of store through various shifts
- Maintained and improved inventory process at store level

Education

BACHELOR OF ARTS IN PSYCHOLOGY – University of Tennessee at Knoxville – Knoxville, TN	2009
GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE	2022
IBM DATA ANALYST PROFESSIONAL CERTIFICATE	2023
IBM DATA SCIENCE PROFESSIONAL CERTIFICATE	2023
FUNDAMENTALS OF CRIME ANALYSIS – INTERNATIONAL ASSOCIATION OF CRIME ANALYSTS	2019