

ALEX FOX ■ DATA ANALYST

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ABOUT ME

Working with and analyzing data is something that I have been passionate about for as long as I can remember. My passion for analytics has grown alongside my passion for sports. Sports analytics is a field that is relatively young but has changed the sports I grew up playing and watching as a kid for the better. As analytics evolves, so do my favorite sports as well. That ever-evolving status of analytics is a key reason why I enjoy it so much. I am looking forward to putting that passion towards a career in analytics to help make informed decisions.

SKILLS

- Advanced Excel
- Agile Methodology
- Git/Github
- Kanban Boards
- Power BI
- SQL
- Tableau

EDUCATION

NASHVILLE SOFTWARE SCHOOL
Data Analytics
Bootcamp
January 2022-Present

UNIVERSITY OF TENNESSEE –
CHATTANOOGA
BSBA Management: Business
Analytics Minor in Political Science
Graduated May 2021

DATA ANALYTICS EXPERIENCE

DATA ANALYTICS APPRENTICESHIP

NASHVILLE SOFTWARE SCHOOL | 2022 - PRESENT

Five-month intensive 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
- Source code version control with Git/GitHub
- Project management/tracking with GitHub project boards and issue tracking

PROJECTS

LAHMAN BASEBALL DATABASE:

- Used Lahman Baseball dataset that included over 20 tables to analyze baseball statistics/information using PostgreSQL. This involved joins, case statements, common table expressions, subqueries, and insights gathered from the raw data itself. Created a Kanban Board to keep track of progress for each member.
([Github Repository](#))

NBA SHOT CHART:

- Connected to and imported from NBA API to gather shot data to create a shot chart for Memphis Grizzlies' Ja Morant. Built court using matplotlib paired with seaborn to show both missed and made shots during 'crunchtime' (defined as less than 1 minute remaining in the 4th quarter) to track 'clutchness'.
([Github Repository](#))

WORK EXPERIENCE

FOOD SERVICE WORKER

SUBWAY | 2016 – 2019

- Entrusted with monitoring cameras each morning when food products began to go missing.
- Worked the POS system, ensuring correct orders and payments.
- Trained new employees on the POS system.
- Assembled food orders in front of customers within a timely manner over a lunch rush including ~80 orders per hour over 2-3 hours.
- Carefully followed sanitation and cleanliness protocols.
- Unloaded and stocked product shipments in freezer and refrigerator 2 times a week.