BRIAN WILHELM

DATA ANALYST

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About

I have spent my entire professional career being dedicated to being a continuous learner. I was an educator across the High School and Middle School levels. During that time, I received my master's degree in Teacher Leadership, as well as my Rank 1 in Administration Leadership. During the last 6 years of my teaching career, I was the Athletic Director and created the athletic website for our school as well as maintaining and sorting all the athletic documents for the school. I have also utilized Excel to a great extent when coordinating the Hoops for Heart fundraiser to organize and collect all the data. I am drawn to data and love the problem-solving aspect that comes with finding solutions to problems through the art of analyzing the data.

Skills

- Excel
- SQL
- Power BI
- Python
- Project Management
- Leadership
- Critical Thinking
- Git/GitHub

Technical Experience

Nashville Software School   Anticipated Grad. April 2023

Full-time immersive SQL / PowerBI / Excel

- Analyzed data using Microsoft Excel, including utilizing pivot tables and lookups
- Built and deployed dashboards using Tableau and PowerBI
- Collected data and performed exploratory data analysis using Python's *pandas* library
- Created data visualizations using *matplotlib* and *seaborn*
- 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 Experience

Drakes Creek Middle School   **Aug 2013 - Jan 2023**

Physical Education Teacher - Athletic Director

- Implemented use of Fitness Assessment tracking program
- Created athletic website and collected/organized all athletic documents
- Lead coordinator for Hoops for Heart fundraiser
  - Led the nation in fundraising for middle schools for entire United States

Lake Forest High School   **Aug 2010 - Jun 2012**

Special Education - Coach

- Worked specifically with students with behavior problems
- Assisted in identifying keys to success in progress towards graduation
  - Worked closely with general education teachers in modifying work and presenting in a way to ensure student success towards academic success
- Coached baseball and basketball

Projects

Lahman Baseball / Team Project

SQL / GitHub / Kanban

- *Explored and analyzed baseball data from the Lahman Baseball Database*
- Completed with two team members.
- All tasks were implemented through GitHub and monitored through Kanban boards.

MLB 2016 Visualization / Solo Project

SQL / Power BI

- Personal project where I explored and analyzed baseball data from the Lahman Baseball Database
- Completed visualization to explore the capabilities of Power BI

Prescription Drugs / Solo Project

SQL

- *Personal project where I worked with Nashville prescribers and prescription drugs data*

Education

Nashville Software School

Data Analytics Certification   Expected Grad. April 2023

University of the Cumberlands

Masters in Teacher Leadership
Rank 1 in Principal Administration

Monmouth College

Bacherlor of Arts in Physical Education (teacher's certification)