Joshua Severin

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After a decade of providing sports medicine services to high-school athletes for a non-profit hospital then losing my job due to the pandemic, I created an opportunity to develop a new career path. As a recent graduate from Vanderbilt’s Data Analytics Bootcamp and currently completing (will finish in April) Google’s Data Analytics Professional Certificate, I’m highly motivated and passionate about using my newly learned skills and continuing to grow as a Data Analyst.

# Technical Skills

**Tools:** Python, Excel (VLookup, Pivot Tables), SQL, Tableau, R, Jupyter Notebook, VS Code, Anaconda, GitHub/Bash

**Libraries/Databases:** Pandas, Matplotlib, Seaborn, NumPy, Scikit-learn, SQLAlchemy, PostgreSQL, MongoDB

**Methods/Techniques:** Data cleaning/wrangling/analysis, ETL, API requests, web scraping, machine learning

# Project

**Predicting Emerging Cities in 2024|Team Project**

* Extracted, cleaned, and transformed data from multiple government websites into PANDAS dataframes.
* All data was extracted and loaded through MongoDB to make it accessible at anytime from anywhere.
* Wrote python script to loop through dataframes containing 384 cities and run time series forecasting using ARIMA model across each city to predict specific metrics for the year 2024.
* Created dynamic webapp [MetroGnomics](https://msa-prediction.herokuapp.com/index), to display our finding of emerging cities in 2024.
* All team collaboration was done through Discord, Zoom, and collective GitHub repository.

# Education

## VAnderbilt University

### Certificate in Data analytics, March 2021, Online

* 24-week intensive program focused on gaining technical programming skills in Excel, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

## Google

### Data analytics Professional Certificate, April 2021, online

* Hands on curriculum to develop in-demand data analytics skills using spreadsheets, SQL, Tableau, and R.
* Taught the Ask, Prepare, Process, Analyze, Share, and Act data analysis method in order to establish the ability to transform complex data into actionable and clear insights for the stakeholders.

## California State University, Sacramento

### Masters of Science in kinesiology, May 2010

* While obtaining Masters degree, worked full time as the head athletic trainer for baseball team while the assistant athletic trainer for football and track & field as well.

# Experience

## Jennie STuart Health Hopkinsville, KY 42240

### certified athletic trainer, September 2010 – April 2020

* Sole provider of sports medicine services for over 150 high school athletes.
* Tracking and aggregating daily injury evaluation, treatment, and rehabilitation of athletic injuries.
* Developed effective communication traits working with athletes, parents, coaches, and physicians.
* Critical thinking, time management, creativity, and problem solving were always at the forefront for providing the best treatment for the high volume of athletes under my care.