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 completed 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.