

# William A. Ritter

www.linkedin.com/in/william-ritter-615-  
data-analytics

615-289-2706

williamaritter@gmail.com

## PROFILE

After several years in the recording industry and musical instrument business, I was introduced to Data Analytics and quickly realized how it would best suit my skills and interests, and be of greater value to a broader array of industries and studies. I enjoy having the tools and ability to gather information, structure, and deliver it in a way that can most efficiently be optimized and communicated with near limitless possibilities.

## EDUCATION —

Expected Graduation April 29, 2022  
NASHVILLE SOFTWARE SCHOOL,  
Nashville, TN.

May 2000

College of Mass Communications,  
Middle Tennessee State University  
-Business Administration Minor  
-Recording Industry Minor

## KEY SKILLS —

- Advanced Microsoft Excel
- Tableau
- Power BI
- SQL
- Python
- pgAdmin
- Git/GitHub

## EXPERIENCE

January 18, 2022 – April 29, 2022

Nashville Software School

Hands-on training in an intensive 15-week program concentrating on Excel, Python, SQL, Tableau, and Power BI.

- 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
  - Collected 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

August 2021 – January 2022

Photography, Online Inventory Maintenance • Carter  
Vintage Guitars

December 2010 – March 2020

Photography, Inventory Management • Gruhn  
Guitars

-Inventory and Database Management including photography of inventory and tracking across multiple departments.