

# DR. TRISTAN SAVELLA

Data Analyst

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Portfolio: [tpiano91.github.io](https://tpiano91.github.io)

Github: [github.com/tpiano91](https://github.com/tpiano91)

## ABOUT ME

Classical pianist and educator with a doctorate in performance, transitioning into data analytics. Over 10 years of freelance experience, bringing a naturally inquisitive and detail-oriented approach to solving business problems. Highly organized and disciplined, with expertise in project/client management, visual storytelling, research, and writing. Eager to leverage unique experiences and analytical skills to drive business growth through data-driven insights.

## SKILLS

**Tools:** Python (pandas, numpy, seaborn, matplotlib, Streamlit, Pillow, numerize), SQL, Excel, Tableau

**Other Skills:** Data Collection & Cleaning, Data Wrangling, Data Analysis, Statistical Analysis, Data Visualization & Storytelling, Research, Querying, Documentation/Reporting, Problem-Solving, Project Management

**Languages:** English (Native), German (Advanced), Filipino (Intermediate), French (Beginner)

## PROJECTS

**Project 1:** [ATP Tennis: Impact of Serve Stats Across Court Surfaces](#) (Tableau, Python: matplotlib, scikit-learn)

- Wrangled data for logistic regression to compare impact of serve statistics on different surfaces; derived new variables from existing match stats to get desired serve statistics for each player

**Project 2:** [NY Citi Bikes: Create Dashboard to Analyze User Behavior](#) (Python: streamlit, seaborn, kepler.gl)

- Sourced bike & weather data with API; merged data frames & derived variables for final dashboard

**Project 3:** [Instacart: Marketing Strategy for an Online Grocery Store](#) (Excel, Python: pandas, numpy)

- Extracted, cleaned, wrangled and merged data frames for customer segmentation and targeted marketing strategy; population flows and documentation in Excel

**Project 4:** [Launch Strategy for an Online Video Service](#) (SQL, Tableau)

- Loaded data into RDBMS; created data dictionary; wrote queries/CTEs to answer business questions

**Project 5:** [Relationships Between Countries in the 20th Century](#) (Python: NLTK, textblob, networkX, pyvis)

- Set up virtual environment; accessed web data with data scraping; applied text mining techniques and NLP algorithm to create network visualization of international relations in the 20th century

**Project 6:** [Preparing for Influenza Season](#) (Excel, Tableau)

- Conducted statistical hypothesis testing using Excel to evaluate flu-related death rates across age groups in U.S. states, determining optimal medical staff allocation during flu season; presented insights on Tableau storyboard.

## EDUCATION

**CareerFoundry:** Certificate in Data Analytics & Data Visualizations with Python, 2023-2024

**University of Toronto:** D.M.A., Classical Piano Performance, 2018-2023

**The Royal Conservatory of Music's Glenn Gould School:** Artist Diploma, 2016-2018

**Universität Mozarteum Salzburg:** M.A. with distinction, Solo Piano Training, 2013-2016

**Eastman School of Music:** B.M., Classical Piano Performance, 2009-2013

## WORK EXPERIENCE

### Private Piano & Music Theory Instructor:

- 8+ years experience teaching students of various levels and ages in music schools
- Managed private studio of 15-20 students and tracked revenue data using Excel
- Prepared and directed students towards individual goals (exams, competitions, performances, etc.)
- Tracked student progress data and conveyed insights to parents and supervisors

### Collaborative Pianist:

- 10+ years as a freelance accompanist for student recitals and other professional engagements
- Contract work (e.g., Canadian Children's Opera Company, Royal Conservatory of Music)
- Created and maintained client portfolio website to track engagement and data
- Designed and conducted research project for [doctoral dissertation](#) on analytical strategies in performance