

# 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

Data Analyst with a doctorate in classical piano performance. Experienced in freelancing, research, teaching, and project management, bringing a detail-oriented and inquisitive approach to solving business problems. Projects included statistical analysis, data cleaning, and developing visualizations and dashboards with Python and Tableau. Skilled in SQL and Excel, eager to leverage unique background and skillset 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:** [NY Citi Bikes: Create Dashboard to Analyze User Behavior](#) (Python: streamlit, seaborn, kepler.gl)

- Sourced weather data via API, merged with user data, and created a dashboard to visualize Citi Bike operations.

**Project 2:** [Relationships Between Countries in the 20th Century](#) (Python: beautifulsoup, NLTK, textblob, networkX, pyvis)

- Created network graphs of country relations for a research initiative, using NLP techniques on web-scraped text.

**Project 3:** [Launch Strategy for an Online Video Service](#) (SQL, Tableau)

- Used SQL queries to answer business questions and provided recommendations for a launch strategy.

**Project 4:** [Preparing for Influenza Season](#) (Excel, Tableau)

- Conducted statistical hypothesis testing for optimizing medical staffing and presented findings using Tableau.

**Project 5:** [ATP Tennis: Impact of Serve Stats Across Court Surfaces](#) (Tableau, Python: matplotlib, scikit-learn)

- Derived new variables and used logistic regression to compare the impact of serve statistics across surfaces.

**Project 6:** [Instacart: Marketing Strategy for an Online Grocery Store](#) (Excel, Python: pandas, numpy, matplotlib)

- Applied customer segmentation techniques to answer business questions for targeted marketing ads.

**Project 7:** [Video Game Sales Analysis](#) (Excel)

- Analyzed global/regional sales and created a dashboard comparing publishers/genres for marketing strategies.

## 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