DR. TRISTAN SAVELLA

Data Analyst

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ABOUT ME

Data Analyst with a doctorate in classical piano performance. Experienced in freelancing, in-depth research, teaching and project management, bringing a detail-oriented and inquisitive approach to solving business problems. Projects included analyzing large datasets and creating interactive dashboards using Python and Tableau. Skilled in SQL, Excel, and data visualization, eager to leverage analytical expertise 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 bike & weather data with API; merged data frames & derived variables for final dashboard
Project 2: 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 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