

SUSAN WANG

DATA ANALYST

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- [LinkedIn](#) Profile

PROFESSIONAL SUMMARY

Detail-oriented and highly disciplined professional transitioning from a successful international music career into data analytics. Gained hands-on experience with data tools including Excel, SQL, Python, Tableau, and PowerPoint. Known for analytical thinking, structured problem-solving, and delivering insights clearly — both on stage and in academic settings.

PROJECTS

Market Analysis on Piano Production

Freelance Project | February – March 2026

- Analyzed 10 years of international trade and domestic production data on keyboard instruments in Germany using Excel and Python, including data cleaning, wrangling, and correlation testing.
- Identified that acoustic piano production fell by over 50% between 2014 and 2024, with digital keyboards comprising 97.6% of imports; summarized findings in a data-driven infographic.

Berlin S-Bahn – Transit Delay Analysis

Independent Project | April – May 2026

- Queried a 7-table PostgreSQL database of 131,000+ S-Bahn trips using CTEs, multi-table joins, and IQR-based outlier detection to investigate delay and cancellation patterns across time, route, weather, and strike conditions.
- Identified union strike days as the single biggest disruptor, causing average delays to rise from 1.5 to 22 minutes; delivered findings as an infographic and interactive decision tree.

WORK EXPERIENCE

Music Educator & Repetiteur

Freelance & Institutions in Germany | 2010- Present

- Designed structured lessons for more than 60 individual students and adapted teaching methods based on feedback and performance.
- Collaborated with orchestras, choirs, and soloists, exercising precision, adaptability, and real-time decision-making.

Concert Pianist (Wang Piano Duo)

International | 2009- 2022

- Delivered over 100 performances, requiring meticulous preparation and continuous performance optimization.
- Analyzed complex music scores, identifying patterns and structures to develop efficient practice strategies.
- Presented and explained complex artistic ideas to diverse audiences.

ANALYTIC SKILLS

- Data cleaning & wrangling
- Database querying
- Exploratory data analysis
- Data visualization
- Dashboard creation
- Stakeholder communication

TECHNICAL TOOLS

- Excel
- SQL
- Python
- Tableau
- PowerPoint

LANGUAGES

English, German,
Mandarin Chinese

EDUCATION

Data Analytics Program

CareerFoundry (online) - 2025

Konzertexamen, Piano Duo

Hochschule für Musik u. Theater
Rostock, Germany

Master of Music, Piano

Manhattan School of Music
New York, NY

Bachelor of Music, Piano

University of Michigan
Ann Arbor, MI