DEREK PRICE

DATA ANALYST

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About

While working on my PhD, I became very interested in how data can be used to tell stories and reveal insights about the world. After graduating, I realized I wanted to pursue this interest further through my professional career.

My work conducting research and teaching during graduate school has set me up for a successful career in data analytics. I have a great deal of experience formulating research questions, exploring data, and using that data to craft a narrative that answers research questions and communicates those findings to a broad audience.

Skills

- Python
- SQL
- PowerBI
- Tableau
- Git/Github
- Spreadsheets
- HTML
- CSS

Projects

Visualizing Simulator Games

For this project, I collected data about a simulation-focused computer game genre from a variety of sources, cleaned + analyzed that data, and created interactive dashboards and visualizations allowing users to better understand this unique genre's production context.

- Data was collected from hobbyist databases and archival sources using Python-based web scraping programs and website APIs.
- Dashboard created in PowerBI allows users to explore transnational relationships which structure the German game industry over time.
- Geospatial maps of the German game industry, built using a variety of geospatial mapping tools, provide key insights to help contextualize the dashboard
- Link to project on GitHub

Technical Experience

Data Analyst

Nashville Software School · 2021

NSS is a six-month intensive, part-time data analytics bootcamp focusing on Spreadsheets, SQL, PowerBI, Tableau, and Python for Data Analytics

- Used functions, Pivot tables, and graphs to clean, analyze, and visualize data in Microsoft Excel and Google Sheets.
- Used PostgreSQL to perform advanced database queries (joins, filters, set operations, CTEs, and subqueries)
- Designed dashboards using PowerBI and Tableau.
  - Project highlight: the "Charlotte Food Finder," built in PowerBI, which allows users to search for highly-rated restaurants on Yelp serving a particular kind of food, by zip code, in Charlotte NC.
- Used Python to scrape, clean, explore, analyze, and visualize a wide variety of real-world datasets about public transportation, international human growth and development, and music and game industries.

Professional Experience

Instructor and Researcher

Vanderbilt University • 2014-2021

Vanderbilt University is a premier research and teaching University in Nashville, TN. In my role as graduate student and then postdoctoral fellow, I designed and taught courses, carried out original research, organized events, and served as a leader and facilitator for seminars, conferences, and working groups.

Postdoctoral Research Fellow
- Pursue self-defined research agenda
- Support the Center for Digital Humanities by leading meetings, writing agendas, facilitating working groups, organizing events, and collaborating with other campus partners

Instructor of record
- Designed courses, weekly lesson plans, facilitated learning, designed assessments, and mentored students.

Graduate researcher
- Carried out original research on simulation games about work and machines in central and east Europe.
- Helped organized and facilitate interdisciplinary seminars, conferences, working groups, and digital, public-facing projects

Education

Nashville Software School

Certificate of Data Analytics

Vanderbilt University

PhD, German and Comparative Media Analysis and Practice
MA, German Language and Literature