

# Peter Busienei

Nashville, TN | 615-720-4985 | [peter.k.busienei@vanderbilt.edu](mailto:peter.k.busienei@vanderbilt.edu) | [Portfolio](#) | [LinkedIn](#)

I am intellectually curious individual driven by solving business problems utilizing data driven decisions.

## EDUCATION

Master of Science in Data Science, 2022 GPA: 3.8/4.00	Vanderbilt University, Nashville, TN
Certificate Data Analytics, 2019	Nashville Software School, Nashville, TN
Master of Education in Special Education (K-12), 2011	Tennessee State University, Nashville, TN

## EXPERIENCE

### Global Product Development Training Data Analyst intern, Pfizer May – August 2021

- Advance the development and implementation of global training and educational projects in support of clinical research, medical, pharmacovigilance, regulatory, and quality.
- Develop the Training data strategy to include assessment of new reporting and automation capabilities.
- Assess new Analytic and Data visualization capabilities to provide more actionable insights to the Standard Operating Procedure (SOP) and Training Team.
- Assess types of new data sources to be used across SOP & Training and identify ways to optimize existing data sets.
- Support project management of key initiatives by assisting in the creation of Knowledge Management (KM) resources and follow-up of task completion.
- Created a slide deck to highlight course evaluations statistics for clinical and medical controlled document (CMCD) for quarter 2 period.

### Data Science Research Asst., Vanderbilt University School of Nursing Sept. 2020 – June 2021

- Created user profiles and segments to enhance data collection for clients attending the study.
- Validated collection of data to check information accuracy and integrity while independently locating and correcting concerns.
- Designed, implemented, and deployed, deep-learning, recommendation engine to surface personalized information to number of users.

### Graduate student worker Evaluation & Assessment, Vanderbilt Office of Undergraduate Medical Education August 2020 – May 2021

- Aggregate data from different assessment activities into a single longitudinal dataset.
- Prep data by performing data wrangling and removed duplicates values.
- Synthesize and analyze the data finding and created intuitive data visualization using R packages & Python.
- Prepared a detailed audio report and presented to the Dean and faculty of OUME.

### Metro Nashville Public schools, Tennessee July 2019 – July 2020 (Exceptional Educator)

- Applied inferential statistics on student assessment data to improve their performance.
- Utilized findings from the data collected over the school year to tailor my teaching approach.
- Communicated my findings from data collection to technical & non-technical administrators & teachers

### Dickson County schools, Tennessee January 2012 – June 2019 (Exceptional Educator)

- Performed gap analysis to investigate the academic growth of students with disabilities.
- Applied students' academic data to perform student segmentation to enhance students learning from peers.
- Analyzed, Interpreted, and reported on a monthly basis, students' performance to provide recommendations on maximizing academic growth opportunities.
- Recorded a student growth of 1.5 in state test

## SKILLS

Network Analysis	A/B Testing	Optimization
Bayesian Statistics	Topic Modeling	Data Structures & Algorithms
Experimental Design	Natural Language Processing	Sequences, Time Series & Prediction
Quantitative Marketing Analysis	Neural Networks & Deep Learning	Programming and Simulation (Python, R, SQL)