

- Coke – Customer Duplicates: Used the Python Pandas library and data governance techniques to discover data redundancies in customer accounts.
- Database Final Project: Used SQL and ERD diagrams to create a mock public bus database system for querying purposes.
- Global Video Game Sales Analysis: Used Python Pandas and Matplotlib's data visualization libraries to identify some global preferences in video games since the 80s.
- Idle Workers at Mosaic Café: Used Excel, random sampling, and statistics to do a work study for an on-campus café to make productivity insights.
- Operations Research Project: Used linear programming and scoring methods to help students choose internships based on job ratings, pay, and commutes.
- Reverse Logistics Project: Used AnyLogic modeling to simulate relationships between efficiency levels and costs in the logistical process of battery recovery.
- Six Sigma Applications Simulation: Used statistics and Six Sigma tools to find statistical differences in revenue strategies and deviations in performance in a simulated live performance theater.