

# Zachary Biery

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## EDUCATION

### M.S. Business Analytics

University of Cincinnati

Expected: **April 2025**

### B.S. Business Analytics

University of Cincinnati | Lindner Business Honors | GPA: 4.0

Graduated: **April 2024**

## WORK EXPERIENCE

### Medpace, Cincinnati OH

May 2024 – **Present**

*Data Science Intern, Commercial Operations – Analytics & Business Intelligence Team*

- Train & implement NLP machine learning models using Scikit-Learn & TensorFlow to classify & tag invoice reports from comment fields & descriptions
- Create multi-class classification models to predict patient biopsy eligibility from lab tests for a \$500M clinical study; package and release models in a Streamlit app for use by the study team
- Responsible for the full-stack development of a new contract management software, supporting 10 different workflows, 900+ users, and saving the company ~\$400,000 in annual licensing fees
- Assist in developing and implementing back-end architecture to enable enterprise use of document AI in Snowflake
- Automate various internal workflows such as document migrations, email notifications, and approval processes using Python & Microsoft Power Automate
- Assist in the development of Power BI reports for both internal & external audiences

### Toyota North America, Georgetown KY

January 2023 – **April 2023**

*Systems & Business Intelligence Intern, Production Control – Systems Team*

- Assisted in the development of an interactive UI to organize part changes; created complex tables and views in SQL Server Management Studio to store and display information created by users; led UAT testing for tool launch
- Developed a mobile application for plant audits and part investigations using Microsoft PowerApps, contributing to a projected time savings of 1000+ hours annually
- Fulfilled maintenance and upgrade requests for various Microsoft Access databases, utilizing VBA for development and SQL to interface with connected tables/views
- Built PowerBI dashboards to track KPIs for cross-dock activity and expedited shipments
- Developed automated workflow for sequence supplier communications to enhance efficiency across systems using Microsoft Power Automate

### Kroger, Cincinnati OH

May 2022 – **August 2022**

*Data Analyst Intern, Enterprise Sourcing – Supplier Solutions Team*

- Built interactive dashboards and visuals to unlock insights that solve complex data problems, using Kroger's vendor master and procurement system data
- Used ETL best practices to query and transform large data sets into reports that are refreshable and scalable
- Assisted in the development of data remediation systems using Python for Kroger's supplier management software
- Created a standardized process for vendor vetting requirements to be used enterprise-wide, assisting prospective diverse vendors, and supporting the company's ESG strategies and values
- Created and implemented software solution to assist Sourcing Department in verification of supplier contacts
- Developed a supplier diversity benchmarking model, using supplier data to track and predict future growth & spend, supporting Kroger's Supplier Diversity & Inclusion initiative to reach \$10 billion in diverse spend by 2030
- Responded to stakeholder enhancement requests and delivered updates in a timely fashion, engaging cross-functionally in the spaces of corporate social responsibility, supplier diversity, food technology and compliance, and vendor management

## PROJECT EXPERIENCE

### 84.51 Analytics Case Competition, University of Cincinnati

August 2022 – **September 2022**

*Project Lead*

- Extracted, transformed, and analyzed data on over 71 million transactions to reveal insights related to shopping behavior
- Delivered presentation showcasing data insights, processes for data analysis using R, and recommendations for strategies to combat price inflation in Kroger stores
- Organized team meetings, mentor sessions, and delegated team tasks ultimately leading to a 3<sup>rd</sup> place finish in the competition

## SKILLS

- Languages: Python, R, SQL, C++, C#, HTML, CSS
- Software: Tableau, PowerBI, Snowflake, dbt, git, MS Power Platform