KELLY NICKELSON

SKILLS

SQL | DBT | Looker | Tableau | Git | BigQuery | R | Python | Microsoft Excel | Google Suite | HTML | Data Analysis | Data Visualization | Linear & Logistics Regressions | Data Cleaning | Data Governance

EDUCATION

KALAMAZOO COLLEGE   **Kalamazoo, MI**

Bachelor of Arts in Biology with Honors   **Sept 2017 – June 2021**

Concentrations in Environmental Studies and Community & Global Health
+ Graduated magna cum laude, Phi Beta Kappa & Alpha Lambda Delta Honor Society, GPA 3.8
+ Recipient of the Kalamazoo College Senior Leadership Award
+ Relevant Courses: Biostatistics, Calculus, Environmental & Resource Economics
+ Study Abroad Program: International Sustainable Development Studies Institute in Chiang Mai, Thailand focused on sustainable development and social justice (August 2019 – February 2020)

EXPERIENCE

TEMPUS AI   **Chicago, IL**

Business Intelligence Engineer   **July 2023 - Present**

+ Design and build data models to support advanced laboratory analytical reporting, self-service data analysis and exploration, utilizing Looker, BigQuery, SQL and DBT skill sets
+ Work closely with technical and product teams to identify and align changes to internal systems in support of future data analysis needs and requirements.
+ Develop and facilitate data governance initiatives to assure data integrity across distributed systems
+ Own the design, development and administration of advanced analytics dashboards and reporting and business intelligence tools

Commercial Operations Data Analyst   **July 2022 - July 2023**

+ Utilized R to developed accurate predictive models to forecast national commercial volume
+ Designed a comprehensive suite of tools using SQL to better target potential customers, identify up selling opportunities, and improve customer adoption of our offerings volume.
+ Built a robust data infrastructure for business reporting, including key performance indicators for our sales teams' compensation, with focus on ensuring data accuracy, integrity, and accessibility
+ Collaborate with cross-functional teams to identity and deliver data-driven solutions that address complex business challenges

MSU TREVOR NICHOLS AGROBIOLOGY RESEARCH CENTER   **Fennville, MI**

Research Assistant & Crew Leader   **May 2021 – June 2021**

+ Analyze and visualize experimental data, using R, SQL, and Excel, for manuscripts and grant reports
+ Train, manage, and oversee three undergraduate students through experimental protocols to create an efficient research team discovering novel infestation patterns and monitors fruit production
+ Publication: Nickelson, K., Van Timmeren, S. and Isaacs, R. Susceptibility of highbush blueberry cultivars to infestation by *Drosophila suzukii* (publication in-process)

Technical Aid   **June 2020 - Sept 2020**

+ Designed, organized, and executed an independent study investigating infestation patterns of *Drosophila suzukii* (insect) in blueberries
+ Analyzed, interpreted, and presented experimental data for my comprehensive peer-reviewed senior thesis, received honors