# Sam Tavalali

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## Professional Summary

Technical data professional with over 3 years of experience designing and building data products and analytics solutions using Python and GitHub. Proficient in developing scalable data pipelines, transforming complex datasets, and delivering actionable insights to drive business outcomes. Skilled in software engineering best practices, including version control, CI/CD, and modular code design, with experience contributing to collaborative repositories. Passionate about creating robust, scalable data solutions in a product-focused technical role.

## Technical Skills

**Programming Languages:** Python (PySpark, Pandas), SQL
**Cloud & Data Platforms:** Databricks, Snowflake, Azure, AWS
**Workflow Orchestration:** Airflow, Astronomer, Databricks Workflows
**Data Visualization & Reporting:** Power BI
**Version Control & CI/CD:** Git, GitHub, GitHub Actions, Pytest

## Work Experience

*84.51° (a subsidiary of The Kroger Co.)*

**Data Scientist**                                                                             **2022 – Present**
- Partner with stakeholders to execute analytics solutions that have driven over $1M in annual revenue and support multi-million-dollar strategic initiatives
- Develop and maintain well-structured, modular analytic codebases organized as reusable Python packages tied to $1M+ in business impact
- Own end-to-end execution of feature development by developing technical plans in partnership with stakeholders, perform scientific reviews to validate approaches, and implement solutions in well-structured code
- Conduct code reviews to ensure accuracy and adherence to quality standards

*The Kroger Co. (Kroger Health)*

**Various Analyst Roles (Finance, Business, Asset Protection)**                           **2017 – 2022**
- Automated Excel-based reports using Power BI and SQL, reducing manual effort by 25% and improving reporting consistency
- Led development of COVID-19 reporting using SQL and Power BI for internal monitoring and decision-making
- Developed financial models to support profitability tracking across various initiatives

## Education

**Master of Business Administration**
Northern Kentucky University
**Bachelor of Science in Zoology, Pre-Medical Studies**
Miami University