Sam Tavalali

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Professional Summary

Data professional with 3+ years of experience delivering insights and building scalable, well-structured analytics solutions using Python and GitHub. Strong foundation in software engineering best practices, including version control and modular code design. Familiar with testing and CI/CD principles, demonstrated through personal projects. Passionate about designing and building data products and infrastructure that enhance decision-making and unlock deeper insights. Actively seeking a technical role focused on data engineering or data product development.

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