

Sam Prohaska

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Work Experience

Lead Software Engineer, Data Infrastructure Apr 2023 — Present
Vouch Insurance *Denver, CO*

Senior Analytics Engineer Feb 2022 — Dec 2022
Anvyl *Denver, CO*

- Owned BigQuery data warehouse; built and managed end-to-end data pipelines and event models for all internal data needs, including product analytics (Postgres, Segment), ML performance metrics (Kafka), and GTM (Salesforce).
- Managed team goal setting, headcount planning, career development, and cross-functional communication.
- Optimized dbt DAG performance with no additional spend or resource allocation; reduced run time by 75% and cut error frequency by 40%.
- Negotiated contracts with technical vendors; kept spend flat YoY despite parabolic increase in data volume.
- Drove improvements in data governance; migrated GCP database permissions to Terraform, implemented principle of least access.

Senior Data Science Lead Jan 2020 — Jan 2022
Sling TV *Denver, CO*

- Developed a content curation/recommendation system from scratch, automating a manual process across 22 languages, using Python, AWS (Redshift + EC2), and SQL.
- Managed and mentored team, ran a weekly technical skill development session, and drove completion of deliverables on time and in scope.
- Refined terabyte scale data lake into structured data sets used for high-impact, easily parsed business insights, using SQL, Python, R, and Tableau.
- Presented data-driven stories and strategic advisory to senior management on a >weekly basis, led a weekly all-team data review.
- Promoted from Data Analyst Lead in October '21

Information & Systems Manager Feb 2017 — Dec 2019
Marnita's Table *Minneapolis, MN*

- Developed data analysis workflows using R, SQL, Tableau, and FileMaker. Planned, implemented, and maintained internal IT systems.

Skills

Programming Languages

Python, SQL, bash/zsh, R

Technologies

dbt, Terraform, Ansible, Docker, Proxmox, Parquet, Looker, Tableau

Databases

GCP BigQuery, PostgreSQL, AWS Redshift, AWS Athena, DuckDB, InfluxDB

Education

Bachelor of Arts, Economics & Philosophy, University of Minnesota
French minor, Exchange Student at Université de Montréal.