

EVAN APPEL

Analytics Engineer · Data Engineer

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SUMMARY

Analytics/data engineer with a production track record modernizing legacy analytics into Python on Snowflake. Formal lead on a 30-project, ~25,000-line SAS-to-Python migration with full CI/CD and pytest validation. Recognized Python & Git authority for a 100-analyst organization. Brings modern, agent-assisted engineering as a force multiplier on transformation and pipeline work.

TECHNICAL SKILLS

Languages & query: Python (Polars, pandas, NumPy, Snowpark), SQL (Snowflake — CTEs, window functions, stored procedures, query optimization), SAS (read/translate), Bash

Data platforms: Snowflake (Snowpark, staging, warehouse sizing/cost), Redshift / AWS, Oracle

Transformation & pipelines: dbt (modular models, tests, docs), Polars (lazy evaluation), ETL design, idempotent / unattended execution

Engineering: Git / GitLab, GitLab CI/CD, pytest (fixtures, monkeypatch, cached-fixture validation), structured logging, env-var secrets, packaging (uv), ruff, ty

AI-assisted: Claude Code and other agentic harnesses, with TDD/validation as the verification layer

EXPERIENCE

Marketing Analyst — Credit One Bank

Las Vegas, NV · Feb 2023 – Present

Project lead, SAS→Python/Snowflake migration · Python & Git authority for a 100-analyst organization

- Lead a 30-project, ~25,000-line SAS-to-Python migration into the bank's Snowflake Enterprise Data Platform ahead of a SAS contract sunset; direct six engineers of varying Python levels.
- Designed the standardized package structure (run.py / tests.py / requirements / .env, structured logging, env-var secrets, unattended entry points) used across all 30 projects.
- Built a pytest validation methodology comparing new Python output against legacy SAS on cached fixtures — enabling CI runs without a live database and gating merges on correctness.
- Built the marketing analytics team's first GitLab CI/CD pipeline from scratch.
- Designed a two-phase optimization workflow: preserve correctness on the existing data shape, then push computation into Snowflake (Snowpark) to minimize data transfer.
- Only engineer in a 100-analyst department shipping code to DevOps for production; 10 packages currently in code review headed to prod.
- Built the Brand Team ETL — a production pipeline consolidating multiple third-party datasets into a Tableau dashboard (public GitHub repo); integrated Snowflake with GitHub for version-controlled SQL/notebook deployment.
- Authored a 5,000-line internal engineering manual (git workflow, packaging, validation, Polars/Snowflake optimization, secrets, merge-gate checklist), adopted org-wide.

Data Analyst — Coin Cloud

Las Vegas, NV · Jan 2021 – Dec 2022

- Built operational analytics for a cryptocurrency-ATM fleet; designed weekly cash-pickup routing from per-ATM fill data, balancing lost transactions against agent time.
- Worked in SQL / Python / Tableau on AWS Redshift; acting backup manager; mentored junior analysts.

Data Analyst, Engineering Dept. — Precision Opinion

Las Vegas, NV · Dec 2019 – 2021

- Wrote SQL for call-center management; owned PM and requirements gathering for a bespoke timekeeping software build.

Data Analyst → Data Scientist — Forms Direct

May 2012 – Oct 2019

- Self-directed path from marketing content writer to in-house data analyst (SQL, Python, Excel, Mode Analytics); managed a small remote team.

EDUCATION & CERTIFICATIONS

University of Nevada, Las Vegas — B.A. Journalism, minor Sociology (2007–2012)

Certifications: Snowflake Hands-On Essentials — Data Warehousing & Data Lake · PyCon US 2026 (incl. "Professional Python: From Vibes to Verification," Matt Harrison) · Codecademy Data Engineer path (in progress, 2026)