

Mariia Vysochina

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Senior Analytics Engineer with 6+ years in analytics and data engineering. Designed and built end-to-end analytics infrastructure with dbt, BigQuery, Airflow, and Python. Experienced in data governance, access controls, and semantic layer implementation (cube), passionate about data modeling, automation for repetitive workflows, and empowering teams with self-service analytics.

SKILLS & TOOLS

Programming Languages: Python | SQL | Shell

Data Tools: Google Cloud Platform (GCP) | BigQuery | Looker | Airflow | dbt | Spark

Containerization and Version Control: Docker | Git

Skills: Data Modeling | REST APIs | Data Governance | Semantic Layer | Access Control

EXPERIENCE

Pano AI (Wildfire detection -hardware + software)

US

Analytics Engineer

Oct 2025 - Present

- Joined as the second member of the analytics engineering team, partnering with product, engineering, AI, finance and ops teams to align on data definitions, define KPIs, and ensure the business has the data it needs ahead of every feature release
- Built and maintained dbt models on BigQuery across staging, intermediate, and marts layers, applying automated testing, version control, and modular design to support a self-serve analytics layer in Metabase
- Defined dbt naming conventions, testing standards, and PR review process adopted across the Analytics Engineering team
- Refactored and debugged SQL queries in BigQuery, reducing execution time by 71% and improving real-time reporting performance for stakeholders
- Automated manual ops workflows by integrating new data sources via Hevo and writing custom Python scripts on Google Cloud Functions where pre-built connectors were unavailable, returning 2+ hours per week to the ops team
- Evaluated, proposed, and received approval to implement Cube as a semantic layer to make warehouse data AI-readable; paused due to wildfire season prioritization

Accelerate Change Network (Nonprofit startup)

US

Lead Data Engineer

Oct 2022 - Oct 2025

- Built end-to-end analytics pipelines from scratch with BigQuery, dbt, and Airflow, automating ingestion, transformation, testing, and delivery, ensuring reliable, up-to-date data for cross-functional teams
- Optimized Python ETL scripts, reducing data processing time by 58%, accelerating data availability
- Maintained and enhanced data models in BigQuery, reducing query costs by 40%, optimizing storage efficiency, enhancing analytics performance and speeding up report generation by 50%
- Developed a custom data-QA tool, driving our migration to a new analytics platform, saving \$50K/year and eliminating 25% hours per month of manual checks
- Set dbt modeling standards and testing conventions, managed BigQuery access controls across the warehouse and PII handling

EDUCATION

Claude Code in Action

Anthropic, 2026

Data Engineering Bootcamp - Top Performance Award

DataExpert.io, 2024

Build LLM Bootcamp

Snowflake, 2023