

Mateo Dubey

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Data engineer with 10 years building and running production pipelines.

Professional Experience

Senior Data Engineer — Cobalt Mutual

Summer 2019 - Summer 2020

- Instrumented the churn feature pipeline serving the ML team, eliminating the most frequent cause of on-call pages.
- Owned the customer 360 warehouse model, supporting a move from 2 to 14 markets without re-architecture.
- Rebuilt streaming event capture for the mobile app.
- Decommissioned ingestion for 40+ third-party marketing sources, removing a manual month-end process that took two analysts three days.

BI Developer — Tessellate Labs

Summer 2020 - Summer 2024

- Migrated streaming event capture for the mobile app.
- Owned ingestion for 40+ third-party marketing sources.
- Rebuilt the nightly billing reconciliation pipeline.
- Worked with data governance across the team.

Senior Data Engineer — Sundial Insurance

Summer 2024 - Summer 2027

- Owned the customer 360 warehouse model.
- Owned ingestion for 40+ third-party marketing sources.
- Consolidated the inventory reconciliation job.
- Consolidated the nightly billing reconciliation pipeline, reducing warehouse spend by roughly a third.

Data Platform Engineer — Tessellate Labs

Winter 2027 - Present

- Built the churn feature pipeline serving the ML team.
- Designed streaming event capture for the mobile app.
- Consolidated the inventory reconciliation job, unblocking self-serve reporting for 200+ internal users.
- Rebuilt ingestion for 40+ third-party marketing sources.

PROJECTS

Volunteer work: Designed clickstream ingestion across four regions using dbt and Postgres, supporting a move from 2 to 14 markets without re-architecture.

SKILLS

Terraform, Kubernetes, AWS Glue, Delta Lake

EDUCATION

BSc Mathematics, Riverside University (2016)