Avery Imani Rao

Analytics Engineer

analytics-engineer@example.test
Toronto, Canada

Billing data and close controls

3.1% to 0.2% — Invoice value unmatched to the ledger, across six weekly checks.

22 dashboards, 16 models — Migrated billing reports to tested dbt models with Finance sign-off.

38 to 27 warehouse hours — Median daily compute over four weeks, with the pre-close refresh protected.

Skills

Data transformation: SQL, dbt, Snowflake, Incremental models, Dimensional modelling

Quality and reporting: Ledger reconciliation, Freshness checks, Metric definitions, Dashboard migration, Review documentation

Summary

Owns billing and retention models at a subscription software company. Agrees financial definitions with the controller and coaches two analysts on reconciliation, review and deployment.

Experience

2022-03 – Present **Senior Analytics Engineer**
Orchard Relay Software

- Mapped 22 billing dashboards to their owners, measures and refresh schedules, then consolidated them into 16 documented dbt models. Ran old and new results in parallel through two closes before Finance signed off.
- Deduplicated invoice records, reducing the unmatched share of invoice value from 3.1% to 0.2% over six weekly checks. Tracked late corrections separately from missing transactions and investigated residual differences with the billing analyst.
- Rescheduled incremental dbt builds without changing the pre-close refresh window. Median daily compute fell from 38 to 27 warehouse hours over four weeks. Checked whether savings held on the two heaviest invoice days.
- Set separate source freshness and row-count tolerances for usage events and signed invoices. Agreed with Support which dashboards could still be used when a feed arrived late.
- Required reconciliation evidence before merging billing changes. Coached two analysts to test credit notes and renewals alongside ordinary orders.
- Agreed paid and paused subscription definitions with Product and Finance. Documented how trial extensions, partial refunds and backdated corrections affect monthly reports and restatements.

Experience (continued)

2019-08 – 2022-02 **Data Analyst**
Quayfin Metrics Studio

- Defined trial conversion with Product and built the cohort model used in the weekly retention review. Separated tenants with scheduled cancellations so readers could reconcile the denominator to the account roster.
- Maintained reporting for eleven subscription clients. Replaced hand-edited dashboard filters with a mapping table tied to each client’s service plan, and reviewed a sample against the contract before publishing.
- Partnered with a customer-success lead to analyse delayed onboarding. Matched support contact to activation milestones and gave the team a shortlist of accounts to investigate before changing the playbook.
- Rebuilt the monthly delivery pack around exceptions and ownership. Added a short explanation when numbers differed from the prior extract and recorded whether the comparison used restated or historical data.

2018-05 – 2019-07 **Reporting Assistant**
North River Mobility Co-operative

- Reconciled service logs against invoices and tracked missing operator details ahead of the monthly report. Learned to keep a readable exception log so another person could reproduce every correction.
- Prepared a workbook for quarterly route reviews. Separated cancellations from missing logs and tested the workbook with two operations coordinators before handing it over.

Data quality work samples

Run-level quality dashboard · Finance data platform · 2025
Linked freshness and reconciliation results to release decisions. Listed each failed check with its source, owner and reviewer decision, then recorded which reports to withhold.
Data model onboarding guide · Analytics Engineering · 2024
Created a worked invoice example, source diagram and review checklist. Used an anonymised data set so new analysts could reproduce the review.

Education

2019 **BSc in Statistics**
Maple Quay University

Coursework in regression modelling, survey methods and experimental design. Final project documented missingness and compared estimates before and after exclusion.

Languages

English · Hindi