

Grace Okafor

Data Analytics Engineer

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Summary

Data Analytics Engineer focused on metric layers and self-service BI. Builds reliable data products with dbt, SQL, Looker, Power BI, Great Expectations, connects engineering decisions to measurable operations, and communicates clearly with cross-functional teams.

Work Experience

Data Analytics Engineer Jan 2022 - Present
Willow Home Group · Toronto, ON

- Designed dbt and SQL pipelines for metric layers and self-service BI at Willow Home Group; while partnering with product, platform, and finance leads, processing 145 business metrics, and raised on-time delivery from 92% to 99.6%.
- Reworked Looker models and partitioning for the Retail Metrics Hub warehouse; coordinated a 9-person engineering group, cutting median query time from 24 seconds to 4.1 seconds.
- Instrumented schema, freshness, and lineage checks across 38 production tables for metric layers and self-service BI; worked with 14 analysts, reducing data incidents by 63%.
- Automated backfills, alerts, and runbooks around Power BI jobs in Toronto, ON; supported 12 markets and saved 86 on-call hours per quarter.

Analytics Engineer Apr 2019 - Dec 2021
Willow Home Group Data Studio · Toronto, ON

- Designed dbt and SQL pipelines for metric layers and self-service BI at Willow Home Group; with analysts, SREs, and domain owners across the delivery squad, processing 145 business metrics, and raised on-time delivery from 92% to 99.6%.
- Reworked Looker models and partitioning for the Retail Metrics Hub warehouse; coordinated a 6-person engineering group, cutting median query time from 24 seconds to 4.1 seconds.
- Instrumented schema, freshness, and lineage checks across 38 production tables for metric layers and self-service BI; worked with 5 application teams, reducing data incidents by 63%.
- Automated backfills, alerts, and runbooks around Power BI jobs in Toronto, ON; supported 4 business units and saved 86 on-call hours per quarter.

Projects

Retail Metrics Hub

Built a governed data product for metric layers and self-service BI, with documented ownership, tested transformations, and an analyst-ready serving layer.

dbt

SQL

Looker

Power BI

Skills

Core stack

dbt

SQL

Looker

Power BI

Great Expectations

Delivery

Data modeling

Data quality

CI/CD

Observability

Documentation

Collaboration

Requirements workshops

Incident response

Mentoring

Agile delivery

Education

University of Toronto

Bachelor of Science at Computer Science and Data Systems

Sep 2015 - Jun 2019

Certifications

Looker Business Analyst

Professional Training Board

May 2024

Data Reliability Workshop

Data Engineering Guild

Aug 2023

Languages

English • Native

French • Professional working proficiency