NADIA MAHMOUD

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SUMMARY OF QUALIFICATIONS

- Data engineer focused on reliable pipelines and numbers the business can trust.
- Experience across 4 employers, most recently as Senior Data Engineer at Pinecrest Bank.
- Enjoy turning messy source data into clean, documented models.
- Known for clear communication with colleagues and for following work through to the end.

EDUCATION

University of Toronto — **Toronto**
BSc Mathematics and Statistics — *2018*

PROFESSIONAL EXPERIENCE

Pinecrest Bank — **Berlin**
Senior Data Engineer — *Jul 2025 – Present*

- Worked with analysts to define one set of customer metrics used across the business.
- Set up access controls so sensitive tables were only visible to approved roles.
- Built a self-serve dataset catalogue so analysts could find tables without asking.
- Partnered with security to mask personal data in non-production copies.
- Scheduled and monitored pipelines with Airflow.

Pinecrest Bank — **Berlin**
Data Engineer — *May 2024 – Jun 2025*

- Documented every production pipeline and set up alerts for late or failed loads.
- Rebuilt the nightly sales models so finance had numbers by 7am instead of midday.
- Built batch and streaming pipelines feeding the company's reporting layer for 57 business teams.
- Rewrote slow transformation jobs and cut nightly runtime from five hours to ninety minutes.

Corvid Media — **Berlin**
Data Analyst — *Apr 2023 – Feb 2024*

- Created a backfill process that reloaded three years of history in a weekend.
- Ran fortnightly office hours for analysts with data questions.
- Cut warehouse compute cost by 35% by partitioning large tables and removing unused models.

Corvid Media — **Berlin**
Data Analyst — *Nov 2021 – Mar 2023*

- Moved legacy cron jobs onto a scheduled, monitored platform.
- Built a cost dashboard that showed each team what its queries cost.

PROJECTS

Public transport delays dashboard (side project)

- Planned and delivered it alongside day-to-day work, with a written plan and agreed success measures.
- Shared the results with the wider team and kept the documentation up to date.

Kaggle: retail demand forecasting

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- Shared the results with the wider team and kept the documentation up to date.

TECHNICAL SKILLS

Languages & tools: Pyhtn
General: SQL, Git, Looker, Data modelling
Languages: English (Fluent), German (B2)

CERTIFICATIONS

- Google Cloud Digital Leader
- Data Engineering Fundamentals (online)

EXTRA-CURRICULAR ACTIVITIES

- Treasurer of a local sports club, keeping the accounts and membership list.
- Member of a community choir.

REFERENCE

Leila Hughes
Senior Lecturer, Nimbus Energy
Contact: leila@example.com