Senior Data Engineer

Requisition	R0000164266
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 12, 2026
Date in the description	March 20, 2026
Posted deadline	December 31, 2026
Last day to apply	December 30, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

We are seeking a Data Engineer to build and maintain scalable data pipelines supporting enterprise analytics and reporting. The role will focus on developing ETL/ELT pipelines using Informatica and dbt, ensuring reliable and efficient data integration across multiple enterprise systems. The Data Engineer works with department and lines of business subject matter expert (SMEs) across the enterprise to meet departmental and organizational objectives. The engineer will follow end-to-end process standards and guidelines to ensure accurate and efficient build out of data pipeline architecture within project timeframes.

Responsibilities

- Design and implement data-processing and ingestion pipelines.
- Develop ETL workflows using Informatica IICS.
- Build transformation models and data pipelines using dbt.
- Develop optimized SQL transformations for large data sets.
- Implement data quality controls and validation logic in ETL pipelines.
- Monitor data pipelines and resolve production problems.
- Work with analysts and data architects to design scalable data models.
- Document the data line, transformations and technical architecture.
- Participate in Agile development processes and code reviews.

Qualifications

Requirements

- Bachelor's degree in a related field (e.g., computer science, business, engineering) or equivalent experience.
- 3-6 years of experience in data engineering or ETL development.
- Practical experience with Informatica ETL tools.
- Experience in DBT and ELT-based transformation frameworks.
- Strong SQL skills and understanding of data modeling concepts.
- Work experience with corporate data warehouses or cloud platforms.
- Experience in source control (Git), test frames and CI/CD pipelines.
- Work experience in Agile engineering environments.

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Assets

- Experience with Snowflake, Databricks or cloud data platforms.
- Experience with Python.
- Familiarity with data orchestration tools (Airflow, Control-M).
- Experience in banking data or financial services environments.

Pay and benefits

RBC teams aim to grow by working together, thinking ahead and giving dependable advice that helps clients and communities prosper. They support one another, develop their potential and strive for outcomes that benefit the communities they serve as well as the bank.

- A total compensation program with competitive pay, bonuses and flexible benefits, plus commissions and stock where applicable.
- Managers who coach employees and help them find opportunities to develop.
- Ability to make a difference and have a lasting impact.
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- A world-class financial services training program.

Job Skills

Application Development, Application Integrations, Application Maintenance, Application Architecture, Retail-Oriented, Enterprise Application Delivery, Group Problem Resolution, Programming Languages, Software Development Life Cycle (SDLC), System Applications

RBC accepts applications until 11:59 p.m. on the day before the posted deadline.

Our Employment Opportunities

RBC works as One RBC and follows five shared values: putting clients first, integrity, collaboration, respect and excellence. As one of the world’s largest and most successful banks, it sees inclusion and different perspectives as important to continued growth. RBC supports staff in doing their best work, working together, innovating and developing professionally. Its policies and programs foster respect, belonging and opportunities for everyone to create value for clients and communities.

Talent community

People who join RBC’s talent community can receive new postings, career advice and recruitment event updates tailored to their interests.

RBC’s careers portal shares information about career paths and how its teams contribute to client and community well-being.

RBC is accepting applications for an existing vacancy. Qualified applicants may hear from the recruitment team for a more detailed review of their résumé.

Search for requisition R0000164266 on the RBC careers portal.

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