Senior Data Engineer

Requisition	R0000184832
Employer	RBC Capital Markets, LLC
Canadian locations	Vancouver (Colombie-Britannique, Canada)
Primary address	745 THURLOW ST, VANCOUVER, BC V6E 3V5, Canada
Posted	November 9, 2026
Date in the description	September 29, 2026
Posted deadline	December 7, 2026
Last day to apply	December 6, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

CNB (City National Bank), an RBC company, is modernizing its data architecture as a core part of our digital transformation strategy. We're seeking a Senior Data Engineer to architect and build scalable, cloud-native ETL/ELT pipelines that power our enterprise data ecosystem. In this critical role, you will design end-to-end data solutions leveraging Informatica (PowerCenter/IDMC) and Snowflake, while driving our data modernization initiatives forward. You will blend traditional enterprise data warehousing concepts with modern cloud technologies, specifically leveraging Informatica (PowerCenter/IDMC) and Snowflake, while using Python for advanced scripting, customization, and automation using frameworks such as Django, FastAPI, or Flask, and proficiency in Unix/Linux scripting.

Responsibilities

- Design, construction and maintenance of robust ETL/ELT pipelines in near real time to ingest and transform data from various business sources (API, databases, third party systems) into snowflakes
- Build and optimize complex data mappings, task flows, and transformations using Informatica Intelligent Cloud Services (IICS/IDMC) or PowerCenter
- Manage and adjust Snowflake environments, including workload management, request optimization, virtual calibration of warehouses and cost optimization
- Develop custom Python components, reusable frames and PySpark scripts for advanced data processing and validation
- Implement dimensional data models, star/snowflake schemes and slow-moving dimensions (SCD Type 1 and 2) to meet analytical needs
- Establish and maintain automated CI/CD deployment pipelines (Git-based) for database schemas, Python code, and Informatica assets
- Design and implement automated data quality checks, reconciliation processes, audit controls and end-to-end data lines
- Partner with architectural, business intelligence and data science teams to translate complex requirements into scalable technical solutions; mentor junior engineers on best practices

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Qualifications

Requirements

- 7-10+ years of professional experience in data engineering, ETL development and corporate data storage
- 5+ years of practical development using Informatica PowerCenter or Informatica Cloud (IICS/IDMC)
- 5 years and more of technical expertise in Snowflake, including SnowSQL, Snowpark (Python) and native cloud loading
- Advanced Python skills (including libraries such as Pandas or PySpark) and expert SQL development (stored procedures, analytical functions, performance adjustment).
- A strong knowledge of cloud ecosystems such as AWS (S3, Lambda, Glue) or Microsoft Azure
- Experienced with version control systems (Git) and automated deployment tools (Rise DevOps, or GitHub Actions).
- Strong problem solving, analytical thinking and communicate effectively with the ability to collaborate between functions

Assets

- Official certifications such as Snowflake Certified Core Engineer or Informatica Cloud Data Integration Specialist.
- Experience with one of the cloud platforms (AWS, Azure or GCP)
- Exposure to massive data tools (Spark, Kafka, etc.)
- Understanding data safety and compliance
- Prior experience in developing and optimizing data sets for machine learning and AI initiatives.

Pay and benefits

- A comprehensive total premium program including competitive pay, premiums and flexible benefits
- Leaders who invest in your development through coaching and career advancement opportunities
- Ability to produce significant effects on RBC's data and technology strategy
- Work with a dynamic, collaborative, high-performing team on enterprise-scale challenges
- Opportunities for progressively taking on greater technical leadership roles and responsibilities
- Access to learning resources and professional development throughout RBC's business

Job Skills

Collaboration, Interfunctional team work, Data analysis, Data analytics, Data architecture development, Data development, Data governance, Data management, Data processing, ETL processing, Quality management

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 R0000184832 on the RBC careers portal.

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