Manager, Fraud Data Design & Integration

Requisition	R0000193475
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 24, 2026
Last day to apply	December 7, 2026
Posted deadline	December 8, 2026
Business area	PERSONAL & COMMERCIAL BANKING
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

What’s the Opportunity

With RBC’s strategy and ambition moving towards artificial intelligence capabilities, the Data Design & Integration team ensures that we’re on top of new changes in the fraud data pipeline. Our work enables Fraud Management's Data Sciences and AI (DSA) teams to integrate new data feeds for analytics use cases and enhance RBC’s fraud detection capabilities. You will contribute to the solution design, planning, and delivery of fraud data requirements in systems-integration projects. In collaboration with teams across Fraud and RBC, you will represent the collective interests of FDSA and build on Fraud’s data strategy towards AI enablement.

Responsibilities

- Work closely with DSA’s Detection, Data Science, and Quantitative & Analytics Monitoring stakeholders to ensure analytics, machine learning, modeling, and reporting needs are met by projects’ data requirements
- Collaborate with the Bank's Fraud, Operations, IT and Teams Strategy for brainstorming and solutions exercises, provide recommendations and business judgements, and translate priorities into project requirements
- Participate in the data design and planning in systems integration projects, create and execute test plans for Fraud DSA use cases, and contribute to project launch playbooks
- Managing critical data risks, issues, issues and decisions, ensuring appropriate measures are taken to mitigate, intensify and communicate detailed information to senior management and fraud stakeholders
- Support the project during the post-launch guarantee period by establishing a transparent transition to end-users and monitoring production problems
- Understanding banking data from multiple sectors of activity and how they can be used in the fraud detection ecosystem to combat fraudulent behaviour

Qualifications

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Requirements

- 2+ years of experience using data to analyze, identify and solve problems, using (SQL, DB2 or Teradata)
- Experience in project leadership or system integration, and proven ability to work with end users, business analysts and developers to capture data requirements
- Strong critical thinking and analytical skills to perform data and gap analysis and solve complex problems
- Experienced communication and negotiation skills, including the ability to make effective recommendations to technical and non-technical audiences
- Knowledge of technology infrastructure concepts, e.g. relational databases, data streams, data structures, API, data models, etc.
- Excellent time management capacity and demonstrated ability to prioritize workload
- Ability to operate independently in a fast and ambiguous environment

Assets

- Work experience in systems integration projects
- Experience in designing use cases, test cases and data flow diagrams
- HDFS knowledge, cloud infrastructure, Kafka, ElasticSearch, Big Data Analysis and Modelling
- Understanding the life cycle of software development and agile project management
- Understanding of fraud detection and prevention

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.

- Capacity to make a difference and sustainable impact
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- Opportunities for progressively fulfilling greater responsibilities

Job Skills

Agile methodology, Change management, Communication, Data analysis, Data analysis, Group problem solving, Project administration, Project management, Time 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 R0000193475 on the RBC careers portal.

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