Senior Director, CMM Model Monitoring and Architecture

Requisition	R0000192897
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 18, 2026
Last day to apply	December 8, 2026
Posted deadline	December 9, 2026
Business area	GROUP RISK MANAGEMENT
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

Reporting to the VP, Credit Modelling & Methodology, the Senior Director, CMM Model Monitoring and Architecture will lead the strategic management of data and the technology infrastructure used for credit parameter development, performance monitoring, and external disclosures.

In this role, the candidate will manage a team that is accountable for the oversight of data used for Wholesale and Retail credit risk parameters. The candidate is also accountable for the performance monitoring of stress and impairment (S&I) models for Canada (IFRS9/EWST) and the US (CECL/CCAR), parameters used in regulatory capital (AIRB), and other CMM-owned models.

The Senior Director is a key leadership position with ownership of data governance for credit modelling and monitoring, and delivering on strategic priorities for CMM from a technology architecture perspective. Successful execution will include close collaboration with model developers, model owners, RBC’s internal lines of defense and regulators.

Responsibilities

The Senior Director, supported by a team of 14 - 18, is accountable for

- Develop, document and implement data and monitoring processes related to the parameters used in RBC, including those that drive 80% of RBC's weighted assets and all models of stress testing and credit weakening.
- Rigorous design and execution of SOX controls related to the data used in model development and monitoring. Partnering with other functional areas to ensure adequate data quality controls are in place on upstream data sources.
- Lead data governance activities for the CMM team, including the Quarterly Data Monitoring Working Group, to ensure transparency of data quality in critical applications.
- Understand and articulate policy options for data generation and performance, and make strong recommendations to senior management.
- Regularly establishing and evaluating key objectives and results for data management, infrastructure monitoring and model monitoring.
- Direct the production of external disclosures related to regulatory parameters for all retail and wholesale parameters.
- Spearheading key stakeholder relationships internally and externally. This includes coaching the team leads how to most effectively partner with colleagues in GRM, lines of business, Internal Audit, External Audit and regulators in Canada and the US.
- Deliver the required results by anticipating and responding to the constructive challenges of team performance.

Qualifications

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Requirements

- 12 – 15 years and more experience working in credit risk or related field with model development, or ongoing performance monitoring.
- Knowledge of the credit risk methodology, including capital estimation, credit/stress risk test models and/or direct experience in implementing planned credit losses.
- Considerable experience in financial models, regulatory reporting systems and software implementation.
- Experience in managing large data sets and routine production processes under rigorous control environment, and knowledge of best data management practices.
- Experience in team management and coordination of complex technical projects.
- Demonstrated ability to mentor and develop technical staff.
- Knowledge of Python or similar language(s).
- Knowledge of modern best practices in code development and management.
- Strong interpersonal, communication and presentation skills, with the ability to articulate and document complex technical issues and a process of control for a non-technical audience.

Assets

- Expertise in banking products in retail and wholesale portfolios.
- Knowledge of SAS is an asset.
- Experience in project management and/or stakeholder coordination.
- Understanding of SOX controls, internal audit requirements and regulatory compliance.

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 comprehensive total premium program including flexible premiums and benefits and competitive pay
- Managers who coach employees and help them find opportunities to develop.
- Capacity to make a difference and sustainable impact
- Flexible work/life balance options
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- Opportunities to do challenging work

Job Skills

Credit Analysis, Financial Regulation, Internal Audit, Investment Risk Management, Market Risk, Operational Requirements, Operational Risks, Risk Management, Standard Operating Procedure (SOP)

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 R0000192897 on the RBC careers portal.

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