

https://intscanada.com/job/data-specialist/

[위기기기 DATA SPECIALIST

Description

Job ID: 36429

Job Category: Engineering & Technical

Division & Section: Solid Waste Management Services, SWM Collection & Litter

Operations

Work Location: Ellesmere Yard

Job Type & Duration: Full time, Permanent

Salary: \$93,500.00 - \$119,274.00

Shift Information: Monday to Friday, 35 hours per week

Affiliation: Non-Union

Qualified List will be established to fill permanent OR temporary positions.

Number of Positions Open: 1

Posting Period: 18-Sep-2023 to 02-Oct-2023

Major Responsibilities

- Serves as a subject matter expert on decisions or questions related to data analytics and modelling.
- Prepares reports and submissions (e.g. briefing notes, staff reports, and other correspondence)
- Designs, tests, and builds complex models to solve complex divisional analytics problems, identifying opportunities for using advanced statistical and predictive modelling techniques.
- Supervises, motivates and trains assigned staff, ensuring effective teamwork, high standards of work quality and organizational performance, continuous learning and encourages innovation in others.
- Leads tasks and projects related to the modelling, analysis, and interpretation of divisional and other spatial datasets.
- Investigates and implements cutting edge machine learning techniques.
- Explores, analyses, and advises the Team Lead and Manager on the value and applications of, and challenges associated with, emerging datasets.
- · Works with various research methods.

Date posted 2023 ? 9 ? 18 ?

- Establishes and applies best practices in documenting processes, models, analyses, and code.
- Implements detailed plans and recommends policies/procedures regarding program specific requirements.
- Designs, tests, and builds complex models to solve complex divisional analytics problems, identifying opportunities for using advanced statistical and predictive modelling techniques.
- Investigates and implements cutting edge machine learning techniques.
- Prepares reports and submissions (e.g. briefing notes, staff reports, and other correspondences) for the Division and City Council.
- Works with internal and external partners and private sector collectors, disseminators and analysts to collect and analyze data on behalf of the Division.
- Develops strategies to ensure information is available and accessible for stakeholders including Council, the public, and staff.
- Attends and presents at conferences and technical working groups regarding data analysis, and/or any relevant data analytics topic.
- Fosters and maintains effective working relationships and networks with divisional staff, other government agencies, and other data science professionals.
- Monitors and evaluates the functionality of applications developed at the Division and makes recommendations for enhancements.
- Ensures compliance with safety and security matters under Occupational Health & Safety legislation and Divisional safety and security policies.

Key Qualifications

- Post-secondary education in computer science planning or project management with relevant experience or a discipline pertinent to the job function combined with relevant experience, or an equivalent combination of education and experience.
- Considerable experience with databases and data warehousing including organizing, compiling, manipulating, analyzing and summarizing large datasets.
- Certification in relational data models, creating complex queries, and developing stored procedures in the Microsoft SQL environment.
- Experience managing projects in intelligent systems, data operations, data science, or data analytics requiring critical judgement, analytical thinking, and problem-solving with creativity, including developing and implementing actionable work plans.
- Considerable experience in business reporting and synthesizing information from operational systems to produce meaningful reports supporting decisionmaking.

You must also have:

- Strong verbal and written communication skills with the proven ability to produce effective reports and written correspondence.
- Excellent organizational, multi-tasking, and time management skills, along
 with initiative and a drive to excellence, with the ability to work under
 pressure in a high-pressure environment requiring agility and resilience, in
 addition to having the ability to work collaboratively as well as independently
 to achieving the section, Division and organizational goals and objectives.
- Highly developed customer service and interpersonal skills with the ability to interact and communicate effectively with all levels across the organization, forging solid internal and external relationships
- Superior research, analytical, problem solving and conflict resolution skills to deal with a multitude of stakeholders
- The ability to exercise independent judgement and discretion in dealing with sensitive and confidential matters

Equity, Diversity and Inclusion

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Accommodation

The City of Toronto is committed to creating an accessible and inclusive organization. We are committed to providing barrier-free and accessible employment practices in compliance with the Accessibility for Ontarians with Disabilities Act (AODA). Should you require Code-protected accommodation through any stage of the recruitment process, please make them known when contacted and we will work with you to meet your needs. Disability-related accommodation during the **application process** is available upon request. Learn more about the City's Hiring Policies and Accommodation Process.