



VISION:

A city that inspires

MISSION:

Working together to
enhance the quality of
life for all residents

VALUES:

Sustainability,
Inclusivity, Innovation,
Accountability,
Excellence,
Bilingualism

DATA AND VISUALIZATION SPECIALIST

Information Systems – Job # P1374

CLOSING DATE: SEPTEMBER 17, 2025

JOB SUMMARY:

The Data and Visualization Specialist is responsible for maintaining and updating municipal geospatial and non-geospatial datasets to support municipal departments and services. The role involves data collection, editing, quality assurance, and spatial/non-spatial analysis to inform decision-making.

The Data and Visualization Specialist will prepare maps, reports, and other visualizations, and provide data support across departments.

APPLYING FOR THIS POSITION:

The City of Moncton is an equal opportunity employer. Applicants must submit their application through an online system that can be found at www.moncton.ca/careers. We thank all applicants for their interest; however, only those invited for interviews will be contacted.

For more information, please contact the Human Resources Department at 506-877-7707 or visit www.moncton.ca/careers for information on the hiring and application process at the City of Moncton.

WORKING AT THE CITY OF MONCTON:

Moncton is a vibrant and culturally rich community. It is the first officially bilingual city in Canada, as well as one of the best places in Canada to do business. Moncton is also known as the economic, sports, tourism and entertainment hub of Atlantic Canada. City of Moncton employees strive to maintain the city's reputation as one of the best places in Canada to live, study, work and play.

This position is a unionized position. The City of Moncton offers an attractive salary and benefits package in accordance to the City Hall Employees Association / PSAC Local 60200 Collective Agreement.

[CHEA Collective Agreement](#)

[City of Moncton Salary and Wage Scale](#)

EDUCATION:

- High School graduate or equivalency.
- Diploma or bachelor's degree in geographic information systems (GIS), Urban Planning, Geography or a related field.

EXPERIENCE:

- Must have a minimum of four (4) years of work experience related to municipal services. The required experience can be a combination of related work experience and course experience at the college or undergrad level.
- Strong working knowledge and experience using ESRI ArcGIS software (ArcGIS Pro, ArcGIS Online) is required.
- Experience with web mapping development using Esri products would be considered an asset.
- Knowledge and experience with business intelligence and data processing tools such as SQL, Python, FME and PowerBI.

LANGUAGE:

- English essential. The ability to communicate in both official languages is considered an asset but is not a requirement for this position.

KNOWLEDGE, TECHNICAL SKILLS AND ABILITIES:

- Updates Update and maintain geospatial and non-geospatial municipal datasets to ensure that they are kept current and accurate.
- Perform data collection and editing, and maintain data documentation/metadata,
- Regularly complete quality assurance work to identify and correct inconsistencies in corporate datasets.
- Conduct spatial and non-spatial data analysis to support business objectives and various projects.
- Prepare maps, reports and other data visualization outputs
- Assist in developing and maintaining interactive mapping applications for municipal staff and public use.
- Provide support to users at multiple levels of product knowledge as technology is used in varying degrees through corporate departments.
- Prepare data packages for consultants to support various studies.
- This position requires a working knowledge of geographic information systems software (i.e. Esri) or related software and processes required for the assembly, analysis, storage, display and dissemination of spatial and non-spatial data.

- Ability to utilize standard administrative programs (Microsoft Office) is required.
- Strong knowledge of GIS principles, spatial analysis, and cartographic design.
- Ability to complete a variety of technical assignments and manage multiple concurrent tasks independently.
- Ability to prioritize tasks for completing work relating to data analysis, data collection and entry, mapping, editing and maintenance of datasets and other duties as assigned.
- Attention to detail is significantly important for persons working in this position. Errors will cause inconvenience and could escalate corporate embarrassment, delays in work schedules or bad decisions to be made.
- Persons in this position must have the ability to take on new tasks as technology progresses and are expected to keep up to date with the technology, particularly in the field of GIS and other related systems used by the City of Moncton.
- Prepares data packages for consultants to support various studies.

CONTACT:

- Work requires contact with City employees, residents, the public, other levels of government, and professionals from the private sector.
- Must be able to work independently with minimal supervision and as part of a team.

SUPERVISION:

- No direct supervision is required.

CONDITIONS OF WORK:

- Work requires a high level of attention with long periods of concentration.
- Minimal physical effort is required and is primarily performed under office conditions. Work may also be performed outside with exposure to inclement weather, vehicular traffic and occupational hazards, particularly on construction sites.
- Hours of work as per the CHEA/PSAC Local 60200 Collective Agreement. Work outside of normal working hours may be required from time to time.
- Occasional travel may be required.

ADDITIONAL COMMENTS:

- Valid Class 5 Driver's License (or equivalent).
- Ability to attend public meetings, site visits, or work outside standard office hours as needed.
- Strong analytical, problem-solving, and organizational skills.

- Excellent communication and customer service abilities.
- Ability to work independently and collaboratively in a team environment.
- Strong interpersonal, written and oral communication skills are essential for this position.