



IT DATA MANAGEMENT ANALYST

Job ID: IT-24-130

NT Power delivers electricity to almost 50,000 customers within the Town of Newmarket, Town of Midland and Tay Township. Headquartered in Newmarket, Ontario, NT Power has an additional office in Midland, Ontario, approximately one hour north along the shores of Georgian Bay.

We require a pragmatic, highly motivated, and proactive **IT Data Management Analyst** to work out of our head office in Newmarket. This role operates in a flexible hybrid setting, combining remote and in-person work arrangements. This is a full-time position, with a comprehensive benefits package and pension plan.

POSITION SUMMARY

The IT Data Management Analyst is responsible for designing, implementing, and maintaining our data warehouse and associated systems to support the collection, processing, and analysis of NT Power's data. The position will collaborate with internal stakeholders and Business Analysts to ensure the availability, reliability, and quality of our data infrastructure while enabling data-driven decision-making and operational efficiency. Additionally, the role will contribute to the integration of modern software development practices to enhance the agility and resiliency of our data solutions.

DUTIES AND RESPONSIBILITIES

- Interact with internal users and business partners to understand and support the information systems needs of NT Power's operations and customers
- Analyze and document detailed business requirements for system and process changes
- Design, develop, and maintain the data warehouse and ELT/ETL processes for storage and retrieval of metering data
- Optimize data models and schema designs for performance, scalability, and efficiency
- Implement data quality controls and validation checks to ensure the accuracy and integrity of meter data
- Design and implement process automations to improve operational efficiency
- Implement and maintain operational and analytical reporting systems to rationalize organizational data, ensuring quality and availability to support business needs
- Monitor and troubleshoot issues related to data processing, performance, and reliability
- Implement solutions aligned with data governance policies and security controls to protect sensitive information and ensure compliance with regulatory requirements
- Evaluate and recommend new technologies, tools, and best practices to enhance our data infrastructure and analytics capabilities
- Develop and maintain Power BI dashboards and reports to visualize smart meter data and provide actionable insights to stakeholders
- Provide technical guidance and support to the IS team
- Document technical specifications, processes, and workflows
- Testing and validating business system processes



- Contribute to the integration of modern software development practices, such as continuous integration/continuous deployment (CI/CD) pipelines, infrastructure as code (IaC) and version control (e.g. Git)

QUALIFICATIONS

- Postsecondary university or college education with a degree/diploma in Computer Sciences, Business, Programming, Engineering Technology or a related field
- Professional designation/certification in relevant database technologies
- Minimum 3-5 years of experience in a related field
- Strong understanding of data engineering principles and best practices
- Knowledge of relational database management systems, particularly PostgreSQL and MS SQL Server
- Familiarity with data warehousing concepts and dimensional modeling
- Understanding of smart metering systems and associated protocols
- Ability to create data models
- Proficiency in one or more common languages or environments used for data pipeline development: Python, PowerShell Core, Ruby
- Ability to communicate technical subjects clearly to non-technical users
- Capability to work closely in both a team environment and independently, with changing priorities
- Ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy
- Appropriately manage, communicate and present issues to the management team
- Other duties as required to support the IT team

APPLICATION INFORMATION

If you are interested in this position and meet the qualifications, please submit your resume by visiting our Careers page at <https://ntpower.ca/careers>. Please include the position title and the job ID number in the subject line of your e-mail. We appreciate the interest of all candidates, however, only those selected for an interview will be contacted.

APPLICATION DEADLINE FOR THIS POSITION IS JULY 22, 2024, BY 4 P.M.

Candidates are required to disclose NT Power employees who are immediate family members prior to the interview.

Successful candidates will be required to obtain a criminal verification screening as a condition of employment.

NT Power is committed to fairness and equity in employment and our recruitment and selection practices. We encourage applications from Indigenous peoples, people with disabilities, members of sexual minority groups, members of racialized groups, women and any others who may contribute to the further diversification of our LDC community. Accommodation will be provided in all parts of the hiring process. Applicants need to make their requirements known in advance when applying through <https://ntpower.ca/careers>.