RPRA
Resource Productivity & Recovery Authority

Data Engineer
Permanent
Career opportunity

Are you passionate about protecting the environment? Do you go out of your way to reduce, reuse, and recycle? Do you envision a waste-free future?

If you answered yes to those questions, then we'd like to hear from you.

We are the Resource Productivity and Recovery Authority (RPRA), Ontario's circular economy regulator.

Our vision is a circular economy today for a waste-free tomorrow. Our mission is to support compliance with individual producer responsibility through education and enforcement to foster Ontario's circular economy, spur innovation, and protect the environment.

We are looking for a talented and committed individual to join us as a Data Engineer to support the government's efforts to protect the environment and advance a new economy in which all waste is reused, recycled, and reintegrated.

DATA ENGINEER

The Data Engineer is responsible for designing, building, and maintaining scalable data platforms and pipelines for RPRA. The position will provide a broad range of data engineering functions including data modeling, data quality, data profiling, data acquisition and ingestion, extract transform load (ETL), metadata enrichment and management, data provenance and lineage, and other specialized data management functions.

Practically speaking, you will:

- Data Solution Development: Design and implement data platforms and warehouses using Microsoft Fabric, ensuring seamless integration with AI functionalities provided by Copilot.
- ETL/ELT Processes: Develop and optimize data pipelines using Azure tools such as Fabrics, and Power BI to support data transformation and integration.
- AI Integration: Leverage Copilot's AI capabilities to automate data preparation, transformation, and analysis tasks, enhancing data engineering workflows.
- Data Governance: Ensure data integrity, quality, and compliance within Microsoft Fabric environments, implementing best practices for data management.
- Performance Optimization: Monitor and enhance the performance of data models, queries, and ETL processes to ensure scalability and efficiency.
- Azure Ecosystem Knowledge: Proficient in Azure services, including Data Factory, Synapse Analytics, and Azure SQL Database, with a solid understanding of data warehousing and modeling concepts.
- AI and Machine Learning Familiarity: Understanding of AI workflows and experience integrating data science capabilities within Microsoft Fabric, utilizing tools like Copilot to enhance data engineering tasks.
- Optimize data workflows, ensuring reliability, scalability, and performance.
- Collaborate with internal stakeholders to understand data needs and deliver tailored solutions.
- Ensure data security and compliance with industry standards and best practices.

Qualifications

Education

- Bachelor's degree in computer science, Information Technology, or a related field.

Experience

- Strong expertise in SQL, Python, and Azure DevOps, with experience in CI/CD pipelines.
- Proven experience as a Data Engineer with a focus on data infrastructure.
- Strong expertise in Data analytics cloud platforms such as Microsoft Fabrics and Power BI
- Solid understanding of data processing frameworks and technologies (Fabrics).
- Familiarity with version control systems (Git) and CI/CD tools (Jenkins, Github CI).
- Knowledge of security best practices for data handling and storage.
- Excellent communication and collaboration skills.
- Must be experienced working in a client setting

Other Knowledge, Skills, Abilities or Certifications

- Background with data management and analysis considered an asset
- Project management skills and documentation skills
- Strong communication skills, both verbal and written with the ability to communicate with all levels of staff
- Application of knowledge, judgment and past practice or precedent in making decisions to resolve problems
- Excellent problem-solving and critical-thinking skills
- Demonstrated organizational skills and ability to prioritize and multi-task
- Excellent oral and written communication
- Strong customer service orientation
- Strong interpersonal and customer service skills; demonstrated ability to work in a team and maintain positive relationships with stakeholders
- Ability to work well and stay calm under pressure
- High level of professionalism; ability to take self-initiative and be proactive
- Excellent analytical, troubleshooting, and problem-solving skills.
- Ability to effectively communicate technical concepts clearly to non-technical stakeholders.

Working with the Resource Productivity and Recovery Authority

This is a full-time role working Monday-Friday from 9:00am-5:00pm, with flexibility as needed. Our highly attractive total compensation plan includes a competitive salary (commensurate with experience), health benefits, personal days and three weeks of vacation.

We have a hybrid work arrangement and support flexible work schedules. **Remote work is expected to be completed from a location within Ontario**. We are conveniently located in North York on the Yonge subway line at Sheppard Avenue.

You will be a part of a collaborative team doing ground-breaking and meaningful work with a critical environmental and economic mission.

RPRA is committed to maintaining a professional and respectful work environment. RPRA prioritizes the safety and well-being of its employees. Harassment or disrespectful behaviour

of any kind by any individual towards our employees will not be tolerated.

We strive to build a team that reflects the diversity of the community we work in and encourage applications from traditionally underrepresented groups such as women, visible minorities, Indigenous peoples, people identifying as LGBTQ2SI, veterans, and people with disabilities.

RPRA welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

Min: $ 90,828– Mid: $ 113,535

How to Apply:

All applicants and referrals: submit your resume **and cover letter** to HR with the job title in the subject heading via careers@rpra.ca