

# Data Engineer

**Job Type:** Full-time

## About the Role

As a **Data Engineer** at DOCEO AI , you will be responsible for building and maintaining the **data integration layer** that collects, processes, and transforms structured and unstructured educational data from multiple sources. You will work closely with educators and machine learning engineers.

## Responsibilities

- Develop and maintain **data pipelines** for ingesting and transforming student and school data and other external educational data.
- Design and optimize **cloud-based data warehouses and data lakes** (e.g., **Snowflake, Databricks, Microsoft Fabric**) for storing structure and unstructured data.
- Ensure data quality, integrity, and compliance with privacy regulations.
- Implement ETL processes for real-time and batch data processing.
- Work with machine learning engineers to structure datasets for model training.
- Secure data storage and access following industry best practices and data privacy compliance.
- Support analytics and visualization needs for educators and administrators.

## Requirements

- Bachelor's or Master's degree in computer science or a related field.
- 2 - 5 years of relevant experience.
- Experience with **SQL, Python, Apache Spark, and ETL frameworks**.
- Proficiency in working with **big data technologies** such as Snowflake, Databricks, AWS Redshift or similar.
- Familiarity with **Kafka, Airflow, or similar orchestration tools**.
- Familiarity with **Azure, AWS, or GCP** cloud environments.

## Work Schedule

- On-site presence required 5 days a week during standard business hours.

## Eligibility Requirements

- Must be a Canadian citizen, permanent resident, or hold an existing valid work permit.

For job inquiries please email resume to [info@doceo.ai](mailto:info@doceo.ai)