

# Job Title:

# Data Engineer

## **Job Summary:**

Are you passionate about transforming raw data into valuable insights that drive innovation? Join TELUS AI Data Solutions as a Data Engineer, where you'll have the opportunity to collaborate with a dynamic team who share the same passion in harnessing the power of data to create impactful solutions.

As a Data Engineer at TELUS AI Data Solutions, you'll play a pivotal role in designing, implementing, and optimizing data pipelines, enabling the seamless flow of information critical for driving strategic decisions and enhancing customer experiences.

## **Responsibilities :**

- Collaborate with data analysts, product managers, engineering devs and QAs and other stakeholders to understand data requirements and implement effective data solutions.
- Develop and maintain scalable ETL (Extract, Transform, Load) processes to move data from various sources into data warehouses and lakes.
- Design and optimize data pipelines for efficient data processing, transformation, and storage.
- Implement data quality checks and monitoring mechanisms to ensure accuracy and consistency.
- Troubleshoot and resolve issues related to data pipeline performance, reliability, and integrity.
- Stay up-to-date with industry best practices and emerging technologies in data engineering.

## **Minimum Qualifications :**

- Proven experience as a Data Engineer, building and optimizing data pipelines and architectures.
- Bachelor's or Master's degree in Computer Science, Engineering, or a related field is beneficial.
- **Experience in Github version control system** and agile development methodologies is an advantage
- Proficiency in using **Python** as programming language for data integration / data pipelines
- **Hands-on experience with cloud-based data warehousing solutions and data lake technologies.** (example - BigQuery)
- **Familiarity with Google cloud platform** (cloud function,cloud run,cloud storage, BigQuery) desirable
- **Familiarity with relational and non-relational database systems** such as MongoDB and Postgres
- **Familiarity with SQL data modeling concepts**
- Familiarity with serverless cloud functions (ex. AWS Lambda, Google Functions)
- Strong understanding of ETL principles and data pipelines.
- Excellent problem-solving skills and attention to detail.
- Effective communication skills and the ability to collaborate with cross-functional teams.