Data Engineer - R&D Digital Solutions

Your tasks

In Digital Solutions, we drive innovation for connected mobility and deliver cutting-edge digital products to our global fleet customers. As a Data Engineer, you will play a key role in building and optimizing data platforms and pipelines that power AI-driven solutions for our global fleet customers.

You will design, develop, and maintain scalable data infrastructures, ensuring seamless integration of IoT and telematics data from connected tires and vehicles. Working closely with Data Scientists, MLOps Engineers, and cross-functional teams, you will enable advanced analytics and machine learning capabilities that enhance safety, reduce costs, and extend tire lifecycle.

Key responsibilities:

- Design, build, and maintain scalable data pipelines for real-time and batch processing of IoT and telematics data;
- Develop and manage cloud-based data platforms, optimizing workflows for performance, scalability, and cost efficiency;
- Implement data quality, validation, and governance processes, ensuring compliance with security and privacy regulations (e.g., GDPR);
- Collaborate with Data Scientists and MLOps Engineers to deliver reliable datasets and support end-to-end AI/ML services;
- Mentor junior engineers, review work, and organize knowledge-sharing sessions to foster best practices.

Your profile

- Academic degree in Computer Science, IT, Engineering, Mathematics, or related field;
- >2 years of experience as a Data Engineer;
- Strong programming skills in Python and SQL;
- Expertise in data pipelining (AirFlow);
- Hands-on experience with big data and distributed processing frameworks (e.g., Spark, Databricks, Hadoop, Kafka, DBT);
- Solid understanding of data modeling and databases (relational, NoSQL, time-series);
- Familiarity with data versioning and lineage tracking;
- Experience with Agile project management methods (Scrum, Kanban);
- Experience working in an international team (desirable);
- Reliable team player with structured self-organized workstyle;
- Proficient English language skills (spoken / written).

Our offer

Job ID
REF96161Y

Field of work
Research and Development

Location
Lousado

Leadership level
Leading Self

Job flexibility
Hybrid Job

Working time
Full Time

Legal Entity
Continental Solution Center Portugal, Unipessoal, LDA.

Our offer:

- Integration in a challenging and international work environment;
- Flexible working model;
- Collaborative working style;
- Continuous opportunities for the promotion of talent and training;
- Opportunity to make a difference.

We are committed to fostering a workplace where everyone feels safe, respected, and valued. All kind of applications are welcome.

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Continental is a leading tire manufacturer and industry specialist that develops and produces sustainable, safe and convenient solutions for automotive manufacturers as well as industrial and end customers worldwide. Founded in 1871, the company generated sales of €19.7 billion in 2025 and currently employs around 78,000 people in 54 countries and markets.