

(Senior) 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 (Senior) 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:

- Lead technical development projects, including scope definition, concept design, and proof-of-concept, and report progress to stakeholders;
- 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;
- Multiple years of working experience as Data Engineer;
- Strong programming skills in Python and SQL;
- Expertise in data pipelining (e.g., Airflow);
- Hands-on experience with big data and distributed processing frameworks (e.g., Spark, Databricks, Hadoop, Kafka, DBT);
- Proficiency in Cloud platforms (AWS, Azure);
- 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);
- Reliable team player with structured self-organized workstyle;
- Experience working in an international team (desirable);



Job ID
REF92561T

Field of work
Research and Development

Location
Lousado

Leadership level
Leading Self

Job flexibility
Hybrid Job

Legal Entity
**Continental Solution Center
Portugal, Unipessoal, LDA.**

- Proficient English language skills (spoken / written).

Our offer

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. Founded in 1871, the company generated sales of €39.7 billion in 2024 and currently employs around 95,000 people in 54 countries and markets.

Tire solutions from the Tires group sector make mobility safer, smarter, and more sustainable. Its premium portfolio encompasses car, truck, bus, two-wheel, and specialty tires as well as smart solutions and services for fleets and tire retailers. Continental has been delivering top performance for more than 150 years and is one of the world's largest tire manufacturers. In fiscal 2024, the Tires group sector generated sales of 13.9 billion euros. Continental's tire division employs more than 57,000 people worldwide and has 20 production and 16 development sites.