

Data Engineering Manager

Description

Company Description

We are champions of rail, inspired to build a greener, more sustainable future of travel. Our purpose is our momentum. It makes us feel good because we know we're doing good. As we lead the way to a greener future, we do it together. We're all about connections – with each other, with our customers and with the world. Just as our platform brings the world together, it's our ambition that connects us. We motivate each other to go beyond our limits, to experiment, to fail and to always grow.

With over 110 million visits every month to our platform and £4.3 billion in net ticket sales, we're always innovating and making moves towards our final destination — a world where travel is as simple, seamless, and affordable as it should be.

And we couldn't do any of it without our incredible people driving us forward. Today, we're a FTSE 250 company that's proudly home to more than 1000 Trainliners from over 60 nationalities across offices in London, Paris, Barcelona, Milan, Edinburgh, Berlin, Madrid and Brussels. It's this diversity that energises us and makes us stronger, helping us to achieve amazing things.

With our sights firmly set on further European growth, there is no better time to jump on board this high-speed train and be part of our continued success.

Great journeys start with Trainline.

Job Description

As a Data Engineering Manager at Trainline you will... [?][?]

- A committed lead and coach to an agile team of polyglot Data Platform Engineers, building a cutting-edge data lakehouse platform on AWS using Kafka and cloud-native streaming technologies, Iceberg, Trino, DataHub and Airflow.
- Be a brilliant people manager for the Data Engineering function that motivates and engages their team to develop their skills and increase their impact.
- Deliver the platform to enable deliver world class data products, including the latest in LLM and other AI technologies.
- Lead the technical direction of the cross-functional team, making good choices on technologies and approach to get the biggest impact for the least risk.
- Foster an obsession with quality and engineering excellence through automated, repeatable processes using CI/CD, TDD, BDD.
- Drive incremental growth in dev ops maturity, building tools and practices that allow repeatable and efficient delivery of models to production, with strong governance in the workflow and continuous monitoring of models in production.
- Own the operation of the products built by your team and continuously improve operation performance.

Hiring organization

Candidate-1st

Employment Type

Full-time

Beginning of employment

asap

Job Location

London, United Kingdom

Working Hours

40

Base Salary

euro USD 90K - 155K *

Date posted

May 17, 2024

- Lead and coach a self-organised Agile team and continuously improve agile maturity and delivery predictability.

Qualifications

We'd love to hear from you... [?][?]

- Thrive in a diverse, open and collaborative environment.
- Expert in JVM technologies (primarily Scala but ideally with a working knowledge of Clojure or Java) and a familiarity with other key languages (especially Python).
- Expert in key data engineering platforms such as Kafka or other streaming technologies, data lakes (AWS S3, Iceberg, Parquet), analytics technologies (Trinio, Spark), automation technologies (Airflow, ML Flow) and data governance (DataHub).
- People management and technical leadership experience.
- Are passionate about agile software delivery with a track record of leading effective agile and lean software teams.
- A consistent background in software development in high volume environments
- Have a strong background in Dev Ops, deploying, managing and maintaining services using Docker, Terraform and AWS CLI tools to achieve infrastructure-as-code and automated deployments.
- Have an excellent working knowledge of AWS services (EMR, ECS, IAM, EC2, S3, DynamoDB, MSK).

Our Technology Stack [?][?]

- Scala and Python
- Kafka, Spark, Kafka Streams, Kinesis, Akka and KSQL
- AWS, S3, Iceberg, Parquet, Glue and Spark/EMR for our Data Lake
- Elasticsearch, Dynamodb and Redis
- Starburst and Athena
- Airflow and ML Flow

Additional Information

Why should you jump on board?

We pay special attention to learning and development and organise quarterly company learning days as well as offering a learning budget that can be put towards resources of your choice. We will cover the costs of your professional subscriptions and give you access to our very own learning platform.

At Trainline, we care about the wellness of our employees. We host puppy therapy sessions, in-office yoga and run Mental Health First Aider training courses as well as having an Employee Assistance Program as one of our many company benefits.

We regularly throw fun social events such as pub quizzes, karaoke nights and our large-scale Summer and Winter Festivals every year. Additionally, we love hosting meetups in our amazing event spaces and having the opportunity to support internal and external community groups.

We also hold companywide hackathons and our annual Trainline Tech Summit, which provides Trainliners with an opportunity to stand up and share their story, learnings, or new skills with their colleagues in a safe environment.

Our flexi-first approach

We believe in the importance of a healthy work-life balance and the value of a flexible workforce. Our flexi-first approach outlines our commitment to a hybrid way of working and our expectations of Trainliners. A key part of what makes Trainline special is our people and the value we get from the buzz and energy of our workplaces, and that's why we're proud to offer the best of both worlds. In practice this means in-office attendance at least 40% of the time over a 12-week period for all Trainliners. These in-office days are typically team led to help us connect, collaborate and create together.

Our Values

- **Think Big** – We're building the future of rail
- **Own It** – We care about every customer, partner and journey
- **Do Good** – We make a positive impact
- **Travel Together** – We're one team

Interested in finding out more about what it's like to work at Trainline? Why not check out what our employees say about us on [Glassdoor](#)? You can also find out more information by following us on [LinkedIn](#) or our 'Life at Trainline' [Instagram](#) account.

We value open expression at Trainline, we believe it's the diversity of experience, backgrounds and perspectives of our employees that makes us who we are. We encourage everybody to play a part in changing the way people travel across the world.

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

USD 90K – 155K *