



Data Scientist (full-time, permanent position)

Central London based

Competitive salary and benefits package

We are looking for people with bright, inquisitive minds that can apply Data Science approaches, including AI & Machine Learning, to solve interesting and complex transportation challenges. You will have the ability to look at data in an effective way, concentrating on the applications that make transport networks more effective and enjoyable for those that use them. This is Data Science that can impact the lives of the millions of people that use transport networks every day – most of our current work is supporting rail providers to deliver improved performance.

As a foundation of our expanding capability, you will be working in a team who have a depth of knowledge on the data and the industry, and who are building the data and public cloud infrastructure to support a range of world-first solutions.

We are looking for curious people with business experience who are able to formulate and test theories using data science approaches. The ability to display data in open and creative ways to aid the exploration and understanding will be a real strength in helping to drive our team to create higher value offers to our customers in the UK and ultimately globally.

What are the key objectives?

- Produce models that support our customers in the improved delivery of services to their customers, whether that is improved performance, efficiency, integration or sustainability.
- Produce models that are relevant, impactful and reliable.
- Work with the rest of the Data Insights team to ensure that the models become part of our integrated toolkit of solutions available to customers. Support each other to improve the model's outputs and the team's quality and assurance approaches.

Top Internal Relationships

1. Data Insights team
2. Our Solution Strategy Team, particularly our Business Analysts and Architecture teams
3. Our development teams

Person Requirements

Profile

- Strong presentation and communication skills, with the ability to explain complex analytical concepts to key stakeholders
- Proven ability to translate insights into business recommendations
- Be curious and questioning
- A good team player, driven to make a difference
- Strong technical problem solving skills

Competencies

- Practical experience of applying AI techniques to complex business problems
- Experience with tools and frameworks for data science activities (Python, Jupyter, R, TensorFlow, etc.)
- Design and build real-world, commercially effective solutions, utilising data and machine learning
- An appreciation of AWS is an advantage, but not essential