

## ROLE PROFILE

### Data Scientist (central London)

#### Why do we have this role?

*Resonate specialises in providing mission critical systems and data led solutions, primarily in the transport industry. This role sits right at the heart of our activities, and you'll bring creativity and an appetite to make things work beyond your primary responsibility.*

*Joining our Data Insights team, you will be responsible for providing the business and our customers with a range of data-driven solutions that enable them to make better decisions. You will bring a bright, inquisitive mind that can apply statistical data analysis, machine learning and data visualisation to large and complex data sets in order to solve interesting transportation challenges. Much of the work we do is highly novel with little hand holding involved, but this is not a research unit; we are committed to producing solutions which yield real business impact.*

#### What are the key objectives?

- Produce data-driven models that support our clients 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
- Build and maintain the end-to-end data pipelines and code repositories used by the Data Insights team, aiming for effective automation
- Work with the rest of the business to ensure that the models become part of our integrated toolkit of solutions available to customers, supporting each other to improve the model's outputs and the team's quality and assurance approaches

#### Top Internal Relationships

1. Data Insights team
2. Product Ownership team
3. Architecture/ Development team

#### 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 data science techniques to complex business problems;
  - Feature engineering
  - Statistical data analysis
  - Data visualisation
  - Machine learning
- Experience with tools and frameworks for data science activities (Python with pandas/Sklearn, Jupyter Notebooks, TensorFlow etc.)
- Design and build of real-world, commercially effective solutions, utilising machine learning
- An appreciation of AWS is an advantage, but not essential

**Our Values and Behaviours**

At Resonate it's the 'how' we do things together with the 'what' we do that differentiates us. We want our people to display our values and behaviours in their day-to-day activities. Therefore, we want you to show us that you are:

***Bold***

- We are insatiably curious and turn that curiosity into value for the business and our customers
- We challenge conventional thinking and encourage others to question it too
- We take the right risks

***Rigorous***

- The customer is at the heart of all we do
- We apply our expert technical knowledge to deliver value for the customer
- We are accountable for our actions

***Determined***

- Delivering for our customer drives us
- We are OK with ambiguity and understand what is required to adapt and respond to uncertainty
- We are tenacious and keep going even when things don't proceed as planned

***Collaborative***

- We are great partners for our customers and the industry
- We care about the impact of our actions on others
- We achieve delivery by agreeing and working towards shared goals

***Passionate***

- We absolutely believe in our vision
- We truly think about and feel the impact of what we do on our customer
- We want our customer, and our customer's customer to be the best they can be

***Imaginative***

- We welcome and embrace transformative change
- We constantly innovate and apply creative thinking in all we do
- We are always looking to raise the bar

