

Job Description: Data Scientist

Position Type: Permanent.

Location: Farnborough head office (with remote working options).

Benefits include: 25 days holiday + 3 additional days over Christmas, life insurance, company pension scheme, Cycle-to-Work scheme, free non-fiction book scheme.

Working Hours: Full time.

Start date: ASAP.

Our mission is to create innovative technology solutions and provide ongoing support that improves the delivery of care

We're looking for a motivated and technically capable data scientist interested in a role which is equal parts R&D and building real applications. You will join the new Data and AI function at everyLIFE Technologies, where we are looking to grow a market-leading AI capability from the ground up on AWS cloud. You have an opportunity to be a key part of something unique in an industry with a lot of data and not enough analysis – we want to change the market completely, and we need you to do it

You will:

- Be capable of taking practical business problems that our customers face, and solving them with machine learning
- Be tasked with researching how we can utilise new varieties of data such as images and audio to improve our product, and working with the team to put these into production
- Be responsible for building AI-driven products to deliver insights and predictions to improve the delivery of care at care providers, in the government and for individual carers on the front line
- Combine solid programming skills in Python and Spark with a willingness to try new programming languages and frameworks to deliver the leanest, most effective services we can
- Contribute your views to help build out the data estate in our business to solve bigger and more complex problems
- Remain technically curious about developments in NLP, ML and AI in general and consider how these could be of use to benefit our customers
- Be outcome-focused – at the end of the day everything we produce needs to be tuned to improving the care outcomes the patients of our customers receive, with practical application being the ultimate end

You are:

- A self-starter who has a burning desire to use data for good, at a company that creates and manages an essential service to the care sector
- Organised and pro-active, with strong attention to detail and willingness to challenge the status quo
- A natural team player, who enjoys working collaboratively with colleagues to solve new, complex problems
- Flexible and adaptable, with a “can do” approach and solid problem-solving skills
- Focused on delivery, with a desire to see what you produce delivering value in the real world

- Always curious

You have:

- PhD or MSc in a quantitative discipline (mathematics, physics, life sciences, etc.), with hands-on experience in industry preferred but not essential
- Experience of machine learning in an R&D environment where you tested data-led hypotheses to solve problems in a new or unknown field
- Strong Python programming skills, with Spark experience also preferable
- Experience with machine learning libraries/frameworks such as Scikit-Learn, Tensorflow, Keras, or PyTorch
- Experience with visualisation or reporting tools (Tableau, Matplotlib/Seaborn or similar)
- Strong communication skills, including the ability to communicate deeply technical concepts to non-technical audiences, at all levels and in all mediums from email to written and oral presentations

You may have:

- Experience of putting AI-driven products into a production environment and managing them
- Practical experience of machine learning model architecture and evaluation
- Experience of building web applications to prototype functionality with your audience
- Experience of deploying and running services on cloud infrastructure (AWS is a plus – Sagemaker or ElasticMapReduce preferred)
- Experience with distributing storage processing on large datasets using the Hadoop ecosystem
- Social Care, Medical or NHS knowledge