

## AI Data Science Lead (Python/Machine Learning/AI) – Full Time, Perm

Job Reference	SCIAIDSUK21
Job Title	SciBiteAI Data Science Lead
Base	Cambridge/London, UK; flexible working policy applies
Salary	£ Competitive dependent on experience
Benefits	Healthcare, Pension/ Bonus plan, 25days annual leave
Hours	Hours: 35 hours per week (Monday – Friday)

Do you want to work with an unparalleled set of high-quality data and AI technologies in a field that makes a real positive difference to peoples lives?

### The Company

SciBite Limited is a multi-award-winning life-sciences technology company based in Cambridge UK which is transforming the way life science organisations handle text and documents. Our semantic deep-learning solutions understand the complexity and variability of content within Life Sciences yet are still simple to use. We can quickly identify and extract scientific terminology from unstructured text and transform it into valuable machine-readable data. Our tools are flexible and versatile, facilitating use by both end-user scientists and integration into 3rd party applications. Our team of expert software engineers and data scientists are at the forefront of the latest developments in AI, such as ontologies, knowledge graphs and machine learning. You'll get to work directly with Elsevier's world-leading set of resources, literature, and databases and SciBite's semantic text analytics technology – a formidable combination that exists nowhere else.

### The Role

SciBite's AI group is developing cutting-edge AI technologies for solving key challenges for our life science customers. We use the latest deep-learning language models combined with our award-winning semantic technology to enable discovery within large volumes of unstructured data. We are actively expanding this team and looking for an experienced data scientist to lead the development of new models for our customers use-cases. This is a rare opportunity to join a company actively working with the majority of the world's major pharmaceutical companies on projects that directly help discover the medicines of tomorrow. In addition, you'll have access to an unrivalled set of data through our parent, Elsevier, to build models that cannot be achieved using public data alone.

In the role you'll lead our data science AI group. You'll be expected to select the best technology for the job, then lead a team building and testing new models from a variety of unique data sources. You'll collaborate closely with our engineering team to ensure the models you build can be robustly deployed and scaled.

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## Duties

- Leading the data science team to select the correct scientific & technical approach to using Machine learning models to address use-cases in the life-science domain
- Keep current with the latest tools and techniques and lead minimal viable product (MVP)s to understand their future value in tasks such as language comprehension, natural language question and answering, relationship extraction, graph learning
- Work with customers to understand their needs, identifying correct data sources and critically appraising the models we generate
- Work closely with the engineering team to implement rapid prototypes of emerging machine learning approaches
- Line manages a small team of data scientists mentoring them and helping them to grow
- Collaborating across SciBite and Elsevier with other teams developing and using AI approaches

## Qualifications/Skills/Experience

The ideal candidate for this role will have:

- 5 years+ experience data analytics and demonstration of leadership in real-world data science projects, ideally in life-sciences
- Strong understanding of current state of the art machine learning technologies in natural language processing, including transformers such as BERT/Hugging Face etc.
- Genuine interest in the field and passion for keeping up to date with latest developments
- Experience utilising machine learning libraries such as (in order of importance) TensorFlow, scikit-learn, PyTorch, Pandas, NumPy, SciPy
- A 'can-do' attitude working across flexible and cross-functional teams in software and data science

Additionally, any experience in the following would be advantageous:

- AWS stack especially Sagemaker, Airflow
- Solid grounding in life-science data and use-cases
- Understanding of the basics of software deployment in the cloud (aws, docker, git, Kubernetes)

## What We Offer

A career at SciBite comes with the chance to help tackle real-world challenges of some of the biggest companies in biomedicine and beyond. Coupled with that comes competitive salary, a fantastic benefits package, share options and the chance to work in an environment that encourages innovation and personal development. Perhaps most importantly, working at SciBite offers a chance to enjoy working in a small, friendly team where what you contribute really makes a difference. With an incredible roster of customers, you'll be working on real products that are positively impacting health and technology across the world. As part of the Elsevier group you'll also have access to all the resources of a major FTSE-100 company, including an unparalleled data and technology collection that presents a myriad of new innovation opportunities.

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Furthermore, you will benefit from many education & training resources, including a minimum of ten days per year technical training. If you're excited by innovation and want to join a company that's breaking new ground and growing quickly, please apply at [careers@scibite.com](mailto:careers@scibite.com) quoting the position reference above.

