





# Data Scientist

## Data Science

-  **Salary:** Up to £90k DOE
-  **Location:** London, UK
-  **Type:** Full-Time, Permanent
-  **Reports To:** Head of Data Science

### About Lunio

We are a rapidly scaling SaaS company with a dynamic team of approximately 50 employees. As we continue to grow, we are committed to maintaining our collaborative, innovative, and people-first, performance-focused culture. At Lunio, we believe that our employees are our most valuable asset and key to our success.

### The Opportunity

At Lunio, we analyze and process billions of traffic data points daily to identify and prevent wasteful traffic or bot activity, helping our clients improve the quality and effectiveness of their ad traffic. We're seeking a seasoned Data Scientist with strong machine learning expertise to join our team and play a key role in developing and enhancing our IVT (Invalid Traffic) detection and prevention models.

In this role, you will focus on building robust, scalable ML systems designed to detect sophisticated and unsophisticated IVT patterns and adapt to evolving threats. You'll collaborate closely with the engineering team to deploy and monitor models in production environments, ensuring they maintain high performance and reliability over time. Your work will directly contribute to protecting our clients' ad spend and maintaining the integrity of digital advertising ecosystems.

If you're passionate about applying machine learning techniques to complex and ambiguity real-world problems, have a strong analytical mindset, and enjoy working in a fast-paced, collaborative environment, with a great focus on research and innovation, this is the role for you.



## Key Responsibilities:

- Own the design and implementation of robust ML models for detecting bot traffic and wasteful traffic, ensuring seamless deployment, versioning, and integration with production systems.
- Drive experimentation and prototyping of new algorithms and data products, validating their potential impact.
- Conduct research to surface and detect emerging ad fraud patterns and evolving threats in large-scale traffic data.
- Monitor and optimize model performance post-deployment, proactively addressing issues such as model drift, latency, and false positives.
- Influence product direction by identifying opportunities to turn insights and patterns into features or offerings for clients; collaborating cross-functionally with Engineering, Product, and Commercial teams to translate business needs into data-driven solutions.
- Ensure the reliability, security, and compliance of ML systems with privacy regulations, infrastructure constraints, and real-world trade-offs.
- Contribute to internal technical standards, mentor peers, and help grow a culture of high-quality, impact-focused data science work.
- Stay at the forefront of ML and ad-fraud detection techniques, bringing relevant innovations into our product and research roadmap.

## Requirements:

- Strong experience designing, developing and maintaining ML models.
- Deep proficiency in Python, SQL and cloud infrastructure – working with large datasets, and real-time prediction applications.
- Proven experience with AWS, including SageMaker, Lambda, and data services (e.g., S3, Redshift, etc.).
- Familiarity with MLOps best practices.
- Comfortable running experiments, building prototypes, and contributing to product and feature design from a data science perspective.
- A strong grasp of system-level thinking – including privacy, compliance, model explainability, and real-world impact.
- Practical and pragmatic, able to balance technical excellence with shipping value quickly.
- Experience in adtech, media or fraud detection is a plus!



### Why Join Us?:

- Be part of a growing SaaS company where data plays a central role in decision-making.
- Work alongside teams across the business, where your work directly informs decisions and drives meaningful outcomes.
- Competitive salary and benefits package, including flexible working options.
- A supportive, inclusive, and diverse company culture.

### **We're committed to building a diverse and inclusive team.**

We strongly encourage applications from people with backgrounds traditionally underrepresented in tech. If you're excited about this role but don't meet every single requirement, we'd still love to hear from you!

**Ready to join a winning team and make your  
mark in a high-growth SaaS business?  
Let's talk.**

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