Head of Machine Learning

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Company: Life Science People

Location: London Area

Category: other-general

Job Title: Head of Machine Learning / AILocation: London, UKCompany: We are a dynamic mid-sized biotech company pioneering in drug discovery. Utilizing the latest technologies, we accelerate the development of life-saving treatments.Salary: Up to £160,000.Role Overview: We're seeking an innovative Head of Machine Learning / AI to lead the integration of artificial intelligence and machine learning into our drug discovery processes. As a key player, you'll spearhead strategy, implement AI technologies, and drive transformative change.Key Responsibilities:Lead the formulation and execution of our AI and machine learning strategy for drug discovery.Build and lead a top-tier team of machine learning engineers and data scientists.Collaborate across departments to identify AI-driven solutions to enhance drug discovery.Develop and deploy AI algorithms and models, including those for Large Language Models (LLMs) and Natural Language Processing (NLP).Oversee the creation of computational models for predictive analytics, target identification, and drug candidate optimization.Stay updated on AI advancements and their applications in biotech.Cultivate a culture of innovation, collaboration, and continuous learning within the machine learning team.Qualifications:Advanced degree (PhD preferred) in computer science, machine learning, artificial intelligence, or related field.Proven leadership in AI and machine learning, preferably in biotech or pharma.Expertise in developing and deploying machine learning models and algorithms, including LLMs and NLPs.Knowledge and experience in modern software development tools, techniques, and processes, such as version control, CI/CD, DevOps, and DataOps.Experience with cloud-native technologies like Docker, Kubernetes, and AWS.Strong understanding of cloud

computing environments, particularly AWS.Join us as we revolutionize drug discovery through AI. If you're passionate about leveraging technology to impact patients' lives, we want to hear from you!

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