MYCARDIUM
PRECISION CARDIAC DIAGNOSTICS

Data Manager

MyCardium AI

The Spine Building, 2 Paddington Village, Liverpool, L7 3FA

MyCardium AI is a company founded in April 2022, as a spin out of University College London. Our aim to is transform how medical imaging is delivered in healthcare using "super-human" AI. Focusing on Cardiac Magnetic Resonance Imaging (MRI). initially, our ambition is to deliver this AI to point-of-care in over 2,000 global centres.

Our mission is to improve healthcare system performance, patience outcomes by delivering better diagnoses, and help create next generation treatments by analysing Cardiac MRI images, using Artificial Intelligence Algorithms capable of performing automation of heart measurement to a super-human standard.

We are committed to excellence, innovation, and creating a positive and inclusive work environment. MyCardium is an equal opportunity employer; we celebrate diversity and are committed to creating an all-inclusive environment for all employees.

What we offer:

- Competitive salary and benefits package.
- The opportunity to be part of a dynamic, innovative team in a rapidly expanding field.
- The chance to make a significant impact on the development of new therapies and treatments.

Job Summary:

We are looking for an experienced data manager or data analyst who has the technical skills to handle imaging related datasets and streamline workflows for the MyCardium AI Core Lab. The Core Lab works with mainly pharmaceutical/biotechnology companies to manage the imaging part of their clinical trial end to end. Within the Core Lab we use our innovative in-house AI software to analyse the images and return data to the clients. If you are interested in AI, clinical trials and data management this could be the perfect opportunity for you!

You will be responsible for managing the lifecycle of clinical study data, ensuring accuracy, compliance and smooth data handling processes. Working closely with project managers, imaging analysts and clinical trial representatives, you will help ensure that study data is reliable, secure and supports high-quality clinical outcomes.

This is a great opportunity to join a fast growing team in an exciting area.

This is a full-time position, working Monday to Friday, working 4 days a week from our Liverpool office and 1 day WFH.

Key Responsibilities:

- Coordinate and schedule data returns for clinical studies, ensuring clear communication and setting expectations with Core Lab clinical readers.
- Perform data cleaning and quality control (QC) checks to ensure the accuracy, reliability and integrity of clinical trial data.
- Develop and implement Python based automation scripts to optimise data handling processes, ensuring compliance with data governance standards in Core Labs.
- Oversee accurate and consistent filing of study documentation and project related data to maintain compliance with regulatory and organisational standards.
- Draft, review and finalise documents such as Data Transfer Agreement (DTA) and data approval forms in alignment with study protocols.
- Manage the data lifecycle, including monitoring data integrity verification and reporting, to support accurate interpretation of clinical trial outcomes.
- Generate detailed reports to support operational workflows and enhance data-driven decision making with clinical reports.
- Liaise with project managers, imaging analysts, and sponsor representatives to align data handling practices with project goals and regulatory expectations.
- Maintain data pipelines specific to medical imaging formats (e.g., DICOM), including anonymisation, metadata integrity checks, and format conversions.

The Person

- Educated to degree level, preferable in relevant subject area such as biomedical informatics, computer science, health information management, data science, life science or biomedical engineering.

- Certification in clinical data management, Python, AI, data analytics and CDASH basics are all desirable.
- Proven experience in clinical data management, ideally in imaging core lab or CRO environments.
- Strong understanding of clinical trial data lifecycles, regulatory standards, and Good Clinical Practice (GCP).
- Proficiency in data quality assurance, cleaning, and reconciliation techniques.
- Experience with handling and transferring imaging-related data (DICOM).
- Demonstrated proficiency in Python for data automation, scripting, and workflow optimisation.
- Experience working with secure data transfer tools and data governance frameworks.
- Strong organisational skills and attention to detail, with the ability to manage multiple concurrent studies.
- Excellent communication and documentation skills; able to interface with clinical, technical, and regulatory teams.
- Experience with regulatory documentation such as Data Transfer Agreements (DTA), SOPs, and data management plans.