

JOB TITLE	SENIOR DATA MANAGER
Banding	£ 51,645 - £59,960 dependant on experience
Hours	37.5hrs/week (Full time)
Base	Magog Court, Shelford Bottom, Cambridge CB22 3AD Hybrid working options available
Team	Health Informatics Platforms – Data Ops
Accountable to	Principal Data Lead
Terms	12-month Fixed term

This role is offered on a hybrid basis. All team members are expected to attend 2-3 in-office days per month, with flexibility for occasional meetings across the East of England and national conferences or events.

About Health Innovation East:

At Health Innovation East we believe that great ideas only make a difference for our health when they are put into practice. Health Innovation East is the innovation arm of the NHS in the East of England, and we are one of 15 regional Health Innovation Networks that support the introduction of innovative technologies, devices and care pathways to transform health and care.

Our team of clinicians, clinical scientists, commercial and NHS experts work with pioneering start-ups, universities, global corporates and the NHS to ensure that the best innovations in health and care reach the people and places where they deliver the most benefit. We also have a growing team of specialist programme managers, experts in real world evidence and data scientists who support the specialist work increasingly needed to deliver today's world of technology-enabled patient care

Role purpose:

The Senior Data Manager is responsible for the end-to-end technical delivery of a major data programme within the DataOps function, ensuring high-quality, scalable, and secure data solutions are developed and maintained.

The role bridges strategic objectives and hands-on delivery, taking ownership of planning, prioritisation, stakeholder engagement, and coordination of data activities across the team. This enables scalable delivery across multiple complex programmes and reduces dependency on centralised technical oversight.

The post holder operates as the technical data lead for their programme, coordinating data engineering and data management activities including database design and

administration, data pipeline development, and the transformation and integration of complex datasets into standardised and reusable formats.

In addition to direct technical contribution, the role provides leadership and oversight to Data Managers, ensuring consistent standards, effective ways of working, and high-quality outputs.

The role requires strong stakeholder engagement, with the ability to translate complex technical work into clear plans, risks, and outcomes, and influence delivery approaches across academic, NHS, and industry partners.

A Senior Data Manager will typically align to a specific programme of work, with emphasis tailored to the delivery model and technical needs of that programme.

The post holder will need to demonstrate the following skills:

- Ability to lead the design and delivery of complex data solutions across full data lifecycles
- Strong technical expertise in data engineering, database design, and scalable data
- Ability to apply software engineering principles to ensure solutions are robust, maintainable, and deployable
- Strong planning and prioritisation skills across multiple workstreams and competing demands
- Ability to identify, communicate, and manage technical risks and dependencies
- Excellent stakeholder management and communication skills, with the ability to translate complex technical concepts into clear plans and outcomes
- Ability to lead and support team members, providing guidance, oversight, and knowledge sharing
- Ability to work effectively across multidisciplinary teams, including DevOps, cloud engineering, and external partners

Key responsibilities:

As a Senior Data Manager, the post holder will:

- Lead and coordinate the technical delivery of a data programme, ensuring quality, timelines, and outcomes are met
- Act as the primary technical point of contact for programme stakeholders, translating requirements into deliverable solutions
- Design and oversee implementation of data pipelines, databases, and workflows to support scalable and secure data use
- Ensure data solutions are maintainable and sustainable, including leading improvements to code structure, reusability, and technical quality
- Manage priorities, dependencies, and risks across multiple workstreams, making informed delivery and technical decisions
- Provide day-to-day supervision and support to Data Managers within the programme area, including work coordination, feedback, and development guidance.

- Adopt line management responsibility for up to two data managers within a year of appointment.
- Ensure compliance with data governance, security, and quality standards
- Contribute to the development of the DataOps function, improving processes, standards, and ways of working
- Apply expertise to programme-specific needs, including data product/application development or research data service delivery and data extraction workflows

Key relationships and working with others

- DataOps Principal Data Lead
- Data Managers within DataOps team
- DevOps and Cloud Engineering teams
- Health Informatics colleagues
- NHS organisations and data providers
- Academic partners and research collaborators
- External industry partners

Corporate duties:

- Support the organisation in creating an environment that values risk management and promotes the highest standards of health and safety for Health Innovation East's employees, supported by policies and procedures as appropriate
- Comply with current data protection laws and company data protection policy and procedures
- Support the organisation in developing a collaborative working environment and a culture of innovation and positive leadership, participating in the appraisal process, as required
- Promote Equal Opportunities and affirm that staff, colleagues, patients and others who encounter Health Innovation East are afforded equality of treatment and opportunities.
- Observe Health Innovation East's Equality and Diversity policy in every aspect of your work, avoiding any behaviour which discriminates against colleagues, potential employees, patients or clients on any grounds
- Work with others appropriately to achieve organisational goals
- Comply with the Health Innovation East values and behaviours

Person Specification:

	Essential	Desirable
Qualifications and training:	MSc in computing, data science, life sciences, or equivalent experience	Relevant professional certifications in data, cloud, or software engineering
Knowledge and understanding	Strong understanding of data governance, security, and handling of sensitive data Understanding of structured data and data modelling approaches Experience delivering complex data projects or programmes	Experience in regulated environments (e.g. NHS, research) Familiarity with standardised data models (e.g. OMOP)
Experience	Demonstrable experience (typically 3+ years) working in data engineering, data management, or related DataOps environments Experience delivering data solutions or pipelines in real-world settings, including ownership of tasks or components within a project or programme Experience working with complex datasets and contributing to data transformation, integration, or analysis workflows	Experience leading elements of delivery for data projects or coordinating workstreams Experience working in regulated or sensitive data environments (e.g. healthcare, research) Experience working across multidisciplinary teams and stakeholders
Skills	Strong SQL and database design Experience designing and delivering scalable data pipelines (e.g. Python, R or similar) Experience structuring production-quality code with clear separation of concerns Ability to plan and prioritise across multiple delivery streams Strong stakeholder management and communication skills Ability to translate technical work into clear plans and outcomes	Experience working with data solutions in cloud-based environments (e.g. AWS) Experience working with containerised environments (e.g. Docker) Experience with CI/CD, testing, and automation practices Experience using tools such as JIRA and Confluence

Disposition/ Aptitude	Able to operate independently while collaborating effectively within a team Comfortable making decisions in complex, evolving delivery environments Proactive approach to problem solving and continuous improvement Strong commitment to quality, sustainability, and good engineering practices	
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Right to work in the UK: Applicants must be able to provide evidence of their right to work in the UK at the point of interview.

The role holder will sometimes be required to be flexible with their hours of work for the team to collectively meet certain deadlines.

Occasional travel both within the region and nationally is required.

Submission of an application constitutes your consent to reasonable media and public online presence checks during the hiring process.

Use of AI tools is permitted where appropriate; however, all application materials must reflect the applicant's own ideas, experience, and original thinking.

Benefits of working at Health Innovation East

As part of the benefits package, Health Innovation East's employees are entitled to 27 days of annual leave plus bank holidays (pro rata for less than whole time equivalent) and are offered a company pension (employer contribution up to 10% of annual salary), life insurance (on completion of a probationary period) as well as a cycle to work scheme. In addition, all employees have unlimited access to the company's well-being programme which is externally provided and fully confidential. Team members on secondment will remain on their employer's terms and conditions.

How to apply

To apply please submit your CV and a covering letter by **23:59 on Sunday 19th July** to recruitment@healthinnovationeast.co.uk specifying your motivation for applying and how you meet our person specification.

For an informal discussion, please contact InformaticsOperations@healthinnovationeast.co.uk

This job description is intended as an outline of the general areas of activity and will be amended in the light of the changing needs of the organisation.

