

Product Manager (Data Infrastructure & Analytics)

JD Number	JD-000
Reports To	Principal Product Manager
Direct Reports	N/A

Purpose

Blackford provides healthcare customers with access to the broadest portfolio of imaging AI solutions via our tried-and-tested platform. Seamlessly integrated with customer systems, the platform simplifies the implementation and management of imaging and operational AI applications. New applications can be added efficiently, reducing implementation time, costs and long-term maintenance efforts.

As Product Manager (Data Infrastructure & Analytics), you will be responsible for helping Blackford launch new customer capabilities by leading the development and implementation of data storage, processing, querying, and visualization infrastructure for AI data and analytics capabilities across the platform.

Data and analytics are crucial for driving AI adoption in healthcare and improving AI-driven decision-making by transforming vast datasets into actionable insights. These insights enable customers to evaluate the reliability of AI models, measure the impact of AI applications, and improve clinical workflows and patient outcomes.

With a passion for transforming healthcare through data and analytics, and a strong blend of technical expertise, strategic thinking, and product management skills, you will translate complex technical requirements into a cohesive strategy, driving the development of scalable, secure, and efficient data solutions.

Responsibilities

- Utilizing appropriate discovery and validation techniques, engage with customers (healthcare providers), platform partners, and other stakeholders to understand needs and translate these into actionable product requirements.
- Develop and maintain requirements for data infrastructure that supports AI data storage, processing, querying, and visualization, ensuring alignment with customer and business needs.
- Contribute to and execute on the product roadmap for data and infrastructure products, aligning with our broader strategy and goals. Seek opportunities to deliver value incrementally and as quickly as possible by planning and scoping initiatives

appropriately.

- Collaborate with stakeholders across the business to design and implement scalable solutions that align with product goals, meet technical requirements, and comply with industry standards, regulatory guidelines, and security requirements for healthcare applications.
- Drive products from concept to launch, ensuring they meet performance, scalability, and security standards.
- Ensure that prioritization decisions made are "well balanced", considering multiple perspectives and data points.
- Manage the successful delivery of work throughout all stages of the development lifecycle. Track and communicate progress and effectively manage risks and issues.
- Track product performance using analytics and metrics, identifying opportunities to enhance data infrastructure and analytics capabilities.
- Maintain awareness of best practices and standards for data security in healthcare.
- Comply with information security requirements as detailed in the Information Security Manual.

Competencies

Specialist job related knowledge and/or qualifications

Essential

- Ability to work closely with clinicians, data scientists, software developers, regulatory bodies, sales teams, and customers to align product goals with organizational objectives.
- Strong commitment to customer engagement, skilled in conducting customer interviews, gathering feedback, and adjusting product strategy based on clinical workflows and user experiences.
- Hands-on experience with data infrastructure, including storage, processing, querying, and visualization technologies.
- In-depth knowledge of database systems, data models (e.g., IHE SOLE, OMOP), and industry standards.
- Proven product management experience preferably in healthcare technology, clinical informatics or medical imaging informatics.
- Demonstrated experience in key areas such as roadmap development, stakeholder management, and product lifecycle management.

	<ul style="list-style-type: none"> • Proficiency in data analytics tools and visualization platforms to support decision-making and product performance tracking. <p>Desirable</p> <ul style="list-style-type: none"> • Proven track record of driving innovative solutions that leverage data analytics to improve diagnostic accuracy, workflow efficiency, or patient outcomes. • Healthcare Data Standards Knowledge: Familiarity with healthcare data standards, compliance, and regulatory requirements, especially in AI applications. • Experience in Healthcare Product Launches: Demonstrated experience taking technical products in healthcare from conception through to launch. • Understanding of APIs and microservices architectures. • Bachelor's degree in Computer Science, Data Science, or a related field (or equivalent work experience).
Job related skills / behaviour	<ul style="list-style-type: none"> • Understands and anticipates customer needs, especially in healthcare, to guide product decisions that add significant value. • Ability to analyse complex data issues and translate insights into product improvements. • Possesses a strategic perspective on data product development while effectively managing the details to bring products to market. • Clearly articulates technical concepts to non-technical stakeholders and collaborates across teams to drive product success. • Excellent written and verbal communication skills.