

Health Data Insights Manager

Job ID
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Summary

The Health Data Insights Manager is responsible for generating robust insights and supports the acceleration of high-quality prediction systems, infusing patient level data science and informatics into each step of the clinical trial process with focus on Feasibility (especially using TriNetX, EHR/EMR datasets).

As a key member of Health Data Insights delivery team, he / she develops insights and recommendations in collaboration with the Health Data Insights Director and Associate Director and supports them for effective delivery.

About the Role

Major accountabilities:

- Gain deep understanding of the domain and core processes to leverage Data Science and analytics to solve business problems
- Gather and analyze large datasets, identify key analytical opportunities
- Responsible for communication, explanation and sharing of data insights (Pat. Journey, SOC, TriNetX, CLIP configuration etc.,) with Health Data Insights Director and Associate Director and Medical/Clinical Team.
- Ensure adherence and compliance with Novartis standards and guidelines
- Ensure quality control and audit readiness of analytic solutions
- Ensure completeness and delivery according to specific stakeholder requirements
- Recommend and lead major process improvement initiatives or other major non-clinical project activities requiring advanced analytical expertise
- Regularly scan the external environment for latest trends in data science, machine learning and other applications of artificial intelligence, etc., keeping the group updated on state-of-the-art techniques and technologies
- Work directly with Health Data Director and Associate Director and expedite any clinical Insights generation to support PSP

Key performance indicators:

- Support optimizing protocol design, improved patient mapping and matching, site identification and selection ultimately improving trial recruitment
- Quality and timeliness of deliverables produced
- Adherence to Novartis standards, in particular quality, ethical, health, safety, and information security (ISEC) standards

Minimum Requirements:

Work Experience:

- Bachelors, Masters, PhD, or equivalent experience in Life Sciences, Mathematics, Statistics, Medical Informatics, or Computer Science, Operations Research, BTech, MTech, BCA, MCA, Data Science PG courses from ISB, IIMs, ISI, Great Lakes or any other relevant courses
- 3-5 years of relevant experience in the pharmaceutical, biotechnology industry, or a Master's degree in Data Science, Business Intelligence, Epidemiology, Public Health or a related discipline
- 3+ years of Industry experience in some of the following areas: predictive modelling, advanced analytics, market intelligence, strategic planning, clinical trial design or execution, feasibility or patient recruitment and business insights
- Cross Cultural Experience.
- Functional Breadth.
- Project Management.

Skills:

- Previous work in patient data including clinical information systems, EMR, claims, etc.
- Strong familiarity with clinical data coding systems and/or computer-based clinical search tools and data analytics
- Good interpersonal and communication skills. Communicates and works with business subject matter experts and organizational leadership
- Self-motivated with a high degree of ownership and accountability for results
- Possess strong, resourceful research skills to locate unusual information and have capacity to develop a deep domain specific knowledge base
- Demonstrated ability to work in a matrix organization and demonstrates good skills in building partnerships, negotiating agreements,
- Good knowledge of multiple core Clinical Development functions (data management, Strategy and planning, statistical programming, trial management and monitoring) preferable

Languages :

- English.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together?

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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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