NOVARTIS

AMDS Global Head Data Engineering

Job ID
REQ-10015911
Jul 31, 2024
USA

Summary

The AMDS Global Head of Data Engineering will be responsible for world-class technical and organizational leadership in the area of data engineering, unlocking the analytical potential of complex data sources and AI to produce evidence and support decisions in drug development. This position will have critical business impact for data engineering across Novartis Drug Development and scalable data pools can support Biomedical Research and pave the way for statistical programming modernization with regard to GxP reporting activities.

About the Role

Key Responsibilities:

- Promote cutting-edge efficient data engineering and data wrangling for priority pools to support in-depth data interrogation at the project and trial level for priority programs
- Be the Analytics technical lead with the data asset owner from Analytics DU team in order to plan, create and maintain data products in an efficient and scalable manner
- Support cross-functional teams in utilizing these data assets from Biomedical Research through Biomarker Development, Precision medicine through Development and medical affairs, and work with internal & external data engineering experts to grow capabilities and infrastructure in a reusable and scalable way.
- Bridge data and knowledge engineering together with more traditional statistical programming skills, to bring automation and modern processes to reporting activities for trials and programs:
- Establish data engineering as a process and function that is an essential capability to leverage complex (multi-modal and/or pooled) datasets to generate evidence that can support HA interactions / submission work and in-depth data interrogation.
- Establish data engineering practices that ensure automated testing with documented code-review and have automated, reproducible QC reports accompany all data releases.
- Engage as a key contributor to the AMDS Leadership team, propose, lead or contribute to functional or cross-functional data engineering initiatives, coordinating diverse team members to support priority projects across Analytics and Stat Methods and AEA teams in AMDS.
- Attract and develop strong talent to a team that can deploy a range of data and software engineering skills alongside data science and AI in order to support data engineering activities across the broader Analytics group and extend to Biomedical Research.
- Bring data and software engineering mindset and deep technical expertise to the technology infrastructure projects, the wider organization and the pharma community:

Role Requirements

- Deep knowledge and 10+ years of experience in global drug development, including data pooling

strategy, technology and computing environments, AI and modernization

- Proven expertise in quantitative sciences, including good data science practices, working with and engineering multi-modal large data, strategic input to technology platforms
- Experience working in a fast-paced environment with multiple competing priorities
- proven ability to operate in a matrixed environment, with a high tolerance for ambiguity and change
- Excellent presentation and communication skills, influencing and senior stakeholder management skills and collaboration
- Thorough knowledge of GxP, IT systems, QA and regulatory/clinical development process
- Ability to represent the organization in senior internal and external forums
- Fluency in English, written and oral

This position will be located at the East Hanover, NJ site and will not have the ability to be located remotely. This position will require 10% travel as defined by the business (domestic and/ or international).

The pay range for this position at commencement of employment is expected to be between $245,600 and $368,400 per year; however, while salary ranges are effective from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an "at-will position" and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: https://www.novartis.com/about/strategy/people-and-culture

You'll Receive: You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook. https://www.novartis.com/careers/benefits-rewards

Commitment to Diversity & Inclusion: Novartis is committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: https://talentnetwork.novartis.com/network

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? https://www.novartis.com/about/strategy/people-and-culture

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up:

Division

Development

Business Unit

Innovative Medicines

Location

USA

Site

East Hanover

Company / Legal Entity

U014 (FCRS = US014) Novartis Pharmaceuticals Corporation

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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The Novartis Group of Companies are Equal Opportunity Employers and take pride in maintaining a diverse environment. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to building diverse teams, representative of the patients and communities we serve, and we strive to create an inclusive workplace that cultivates bold innovation through collaboration and empowers our people to unleash their full potential.

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay

EEO Statement :

Learn about our business, strategy and performance in 2023, and how we create sustainable value for stakeholders and society.Learn about our business, strategy and performance in 2023, and how we create sustainable value for stakeholders and society.Learn about our business, strategy and performance in 2023, and how we create sustainable value for stakeholders and society.Learn about our business, strategy and performance in 2023, and how we create sustainable value for stakeholders and society.

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Major Accountabilities ~ Steigern Sie Ihr wettbewerbsfähiges Umsatzwachstum ~ Identifizierung und Priorisierung von Kunden mit hohem Potenzial durch Datenanalyse (HCPs und Stakeholder), die Verschreibungsentscheidungen beeinflussen ~ Steigern Sie die Vertriebsleistung durch die geschickte Orchestrierung positiver Kundenerlebnisse ~ Engagieren und Beziehungen aufbauen ~ Führen Sie wertorientierte Gespräche (persönlich und virtuell), um kritische Kundenherausforderungen, Entscheidungstreiber, Schwachstellen und Chancen zu verstehen ~ Personalisieren und orchestrieren Sie Customer Engagement Journeys für HCPs,

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