

Associate Director DDIT Dev. CE, Data Engineer

Job ID

REQ-10034219

Feb 27, 2025

India

Summary

The purpose of the role is to inventory all of the various data flowing into, across, and out of Novartis Statistical Compute Environments (SCE) and document data modalities, flows, storage, mappings and transformations, as a member of the SCAPE project team. The SCE is under development and will ultimately be used by the Development Advanced Quantitative Sciences (AQS) business domain. This role will collaborate with other SCAPE project workstreams and team members to ensure reliable and efficient data flows are established, documented and maintained according to project timelines and budget.

- Sound knowledge and experience in working with statistical compute and data science platforms
- Solid understanding of clinical trial processes and leveraging quantitative sciences and toolsets in regulatory and exploratory pathways
- Understanding of different data modalities (ex. Biomarkers, Omics, Imaging)
- Strong knowledge of Clinical data standards (CDISC – SDTM, ADAM, USDM)

About the Role

Key Responsibilities:

- Work across Business and IT to identify and document all data types, modalities, forms, etc. across current and future SCEs, including data from upstream and downstream systems relative to the SCEs.
- Assist SCAPE Project workstreams and team members to understand detailed data types, flows, and transformations relevant to the SCE so that SCE requirements are thoroughly understood and the SCAPE SCE solution delivery is of high quality and complete.
- Identify opportunities to optimize data flows and data transformations, increasing value to the Business.
- Take accountability for delivery of specific components / use cases for the SCE
- Ensure documented data flows and transformations support the development, execution and operations of the SCE
- Ensure peer review and sign off documentation.
- Coordinate with all other workstreams on the SCAPE project to deliver a quality SCE on time and within budget

Essential Requirements

Education:

- Bachelor's degree in computer science, Computer Engineering or related technical discipline or

equivalent experience demonstrated

Experience:

- 7 years' experience working in an IT environment with experience working in Biostats and quantitative science data platforms in Pharma
- Experience collaborating across geographical and organizational boundaries
- Advanced knowledge of Lean/ 6 Sigma, Design Thinking, Agile methodology
Experience leading indirect reports in a matrix environment
- Advanced knowledge of Design Thinking and Agile methodology
Demonstrated aptitude for learning
- Hands-on experience identifying and documenting data types, data modalities, and data flows across complex systems and system landscapes. Identifying opportunities for optimizations where possible.
- Leveraging digital technology and effective change management to deliver value.
- Track record delivering global solutions at scale, and interactions with senior management.
- Delivery of validated IT solutions and collaborating across boundaries.
- Experience in IT Enterprise & Business Architecture, IT Systems Design, IT Systems Integration, User Experience Design, Design Thinking, Analyzing stakeholder requirements, and Knowledge of IT Applications & tools.
- Experience with AI/ML and Experience with Domino is a plus

Commitment to Diversity and Inclusion:

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

Accessibility and accommodation

Novartis is committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to perform the essential functions of a position, please send an e-mail to diversityandincl.india@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

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>

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Division

Operations

Business Unit

Universal Hierarchy Node

Location

India
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Alternative Location 1
Barcelona Gran Vía, Spain
Functional Area
Technology Transformation
Job Type
Full time
Employment Type
Regular
Shift Work
No
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