NOVARTIS

Data Engineering Manager - Data Services

Job ID
REQ-10009354
Sep 12, 2024
India

Summary

• Bring deep domain understanding in at least one of the following areas – a) Pharma R&D, b) Manufacturing, Procurement and Supply Chain and c) Marketing and Sales. Experience in working in Pharma / Life Science industry strongly preferred
• Collaborate with business stakeholders, data scientists and IT teams to create and implement world class data products and solutions
• Can act as a hands-on engineer in curating data, onboarding data assets to the FAIRification process and managing data quality and standards
• Brings strong understanding of enterprise approved schema, tools and platforms and can leverage them to deliver high quality clean and linked data across projects
• Manage quality and consistency of NBS CONEXTS data services delivery to all stakeholders
• Ensure compliance with GMP and regulatory requirements and continuous improvement of quality relevant processes within area of responsibility
• Deliver on data strategy priorities and DLC activities in an AGILE manner with appropriate documentation and communication throughout the delivery of services

About the Role

Data Engineering Manager

Location – Hyderabad #LI Hybrid

About the Role:

Act as a technical expert in data engineering & management to the team. Collaborate with business partners, data scientists and IT teams to create and implement world class data products and solutions. Act as a hands-on engineer in curating data, onboarding data assets to the FAIRification process and managing data quality and standards.

Manage quality and consistency of NBS CONEXTS data services delivery to all collaborators. Deliver on data strategy priorities and DLC activities in an AGILE manner with appropriate documentation and communication throughout the delivery of services.

Key Responsibilities:

- Bring deep domain understanding in Commercial operations, Sales & Marketing. Experience in working in Pharma / Life Science industry is strongly preferred
- Collaborate with business partners, data scientists and IT teams to create and implement world class

data products and solutions

- Can act as a hands-on engineer in curating data, onboarding data assets to the FAIRification process and managing data quality and standards
- Brings good understanding of enterprise approved schema, tools and platforms and can use them to deliver high quality clean and linked data across projects
- Manage quality and consistency of NBS CONEXTS data services delivery to all partners
- Ensure compliance with GMP and regulatory requirements and continuous improvement of quality relevant processes within area of responsibility
- Deliver on data strategy priorities and DLC activities in an AGILE manner with appropriate documentation and communication throughout the delivery of services.

Essential Requirements:

- Masters/ PhD in Computer Sciences / IT or other quantitative sciences
- 7+ years' experience in a Global company as a data steward, engineer, modeler or data scientist
- Business understanding of pharmaceutical industry and data standards. Domain experience in at least one of the following areas – a) Pharma R&D, b) Manufacturing, Procurement and Supply Chain and c) Marketing and Sales. Experience in working in Pharma / Life Science industry and US healthcare data is strongly preferred.
- Understanding of data modeling (conceptual, logical, and physical) using different data modeling methodologies, understanding of semantic modeling techniques and graph databases
- Experience on data wrangling including Ingestion, Unification, Anonymization, Search, Master & Meta Data Management and Governance.

Desirable requirements:

- Hand on experience in working with ETL process, and programming/scripting skills (Python) for data preparation and analysis. Experience in Master Data Management and data quality controls is a must.

- Good communication and presentation skills with consulting and senior partners engagement experience. Experience in Scrum Methodology is a plus. Foundational understanding of big data ecosystem, knowledge of AWS, AZURE Stack and basics of NLP would be an advantage

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

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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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Business Unit
CTS
Location
India
Site
Hyderabad (Office)
Company / Legal Entity
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Functional Area
BD&L & Strategic Planning
Job Type
Full time
Employment Type
Regular
Shift Work
No
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