

# Data Engineering Manager

Job ID  
REQ-10043876  
Mar 24, 2025  
India

## Summary

-Primary responsibility is to support strategic business projects for Novartis Group, the CEO and the Executive Committee, with the aim of maximizing economic value and securing future competitive advantage. -Support Senior Strategy Managers and Directors in projects around key Novartis products in major markets, that - Deliver substantially greater outcome improvement than from the product alone -Deliver substantially greater financial rewards for Novartis based on this

## About the Role

**Location – Hyderabad**

## Job 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:

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

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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.

### **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](mailto: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

US

Business Unit

Innovative Medicines

Location

India

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

BD&L & Strategic Planning

Job Type

Full time

Employment Type

Regular

Shift Work

No

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