AD Data Engineering

Job ID
REQ-10068919

12 22, 2025

India

Are you ready to shape the future of data engineering in life sciences? As a Data Engineer Associate Director, you'll lead the data engineering team and support the data science team inbuilding scalable Commercial solutions to enhance the medical/sales representative actionable. You'll be at the forefront of cloud-based data integration, driving automation, quality, and efficiency while collaborating with cross-functional teams to deliver impactful insights. This is your opportunity to make a real difference in global healthcare through cutting-edge data engineering.

About the Role

Major accountabilities:

- Design scalable data ingestion and integration solutions for TRD data platforms.
- Ensure data quality by applying business and technical rules throughout its lifecycle.
- Identify and implement automation opportunities to streamline data processes.

- Build data pipelines using Python and CI/CD workflows for seamless data integration.
- Collaborate with solution architects and vendors to align with best practices.
- Apply data management principles including modeling, harmonization, and ontology standards.
- Manage metadata effectively and leverage enterprise ontology tools.
- Ensure adherence to FAIR data principles across applicable projects.
- Conduct feasibility assessments and define project requirements with stakeholders.
- Support end-user training and promote self-service data capabilities.
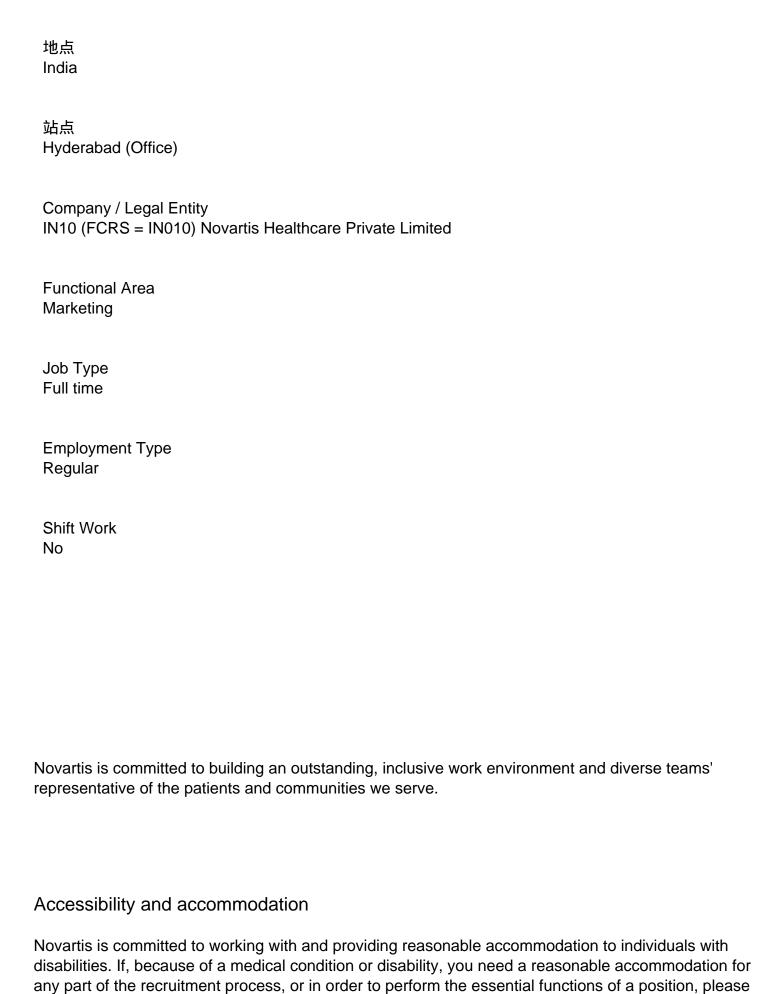
Minimum Requirements:

- University degree in Informatics, Computer Sciences, Life Sciences, or a related field.
- Minimum 14 years of experience in data engineering with good understanding of healthcare or life sciences. Experience with Commercial is a plus.
- Proven expertise in Python and R for ETL and BI data product development.
- Strong experience with Snowflake, DevOps, AWS cloud data integration and third-party ingestion tools.
- Proficiency in SQL for relational databases such as Oracle and/or MS SQL Server.
- Hands-on experience with ETL tools like Alteryx and BI platforms like Power BI.
- Solid understanding of data architecture, modeling, and analytics concepts.
- Familiarity with Agile methodologies

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

Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: https://www.novartis.com/careers/benefits-rewards

International

Business Unit
Marketing

India

Hyderabad (Office)

Company /Legal Entity
IN10 (FCRS = INO1O) Novartis Healthcare Private Limited

Functional Area
Marketing

Job Type
Full time

Employment Type
Regular

Shift Work
No

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.

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