Associate Director - Data Architect

Job ID
REQ-10032485

6 09, 2025

India

Internal title: Assoc.Dir. DDIT US&I Data Architect
#LI-Hybrid
Location: Hyderabad, India
Relocation Support: Yes
Step into a pivotal role where your expertise in data architecture will shape the future of analytics at Novartis. As Associate Director - Data Architect, you'll lead the design and implementation of innovative data solutions that empower business decisions and drive digital transformation. This is your opportunity to influence enterprise-wide strategies, collaborate with cross-functional teams, and bring emerging technologies to life—all while making a meaningful impact on global healthcare.

About the Role

Key Responsibilities

- Design and implement scalable data architecture solutions aligned with business strategy and innovation goals

- Lead architecture for US&I Analytics Capabilities including GenAI, MLOps, NLP, and data visualization

- Collaborate with cross-functional teams to ensure scalable, future-ready data solutions

- Define and evolve architecture governance frameworks, standards, and best practices

- Drive adoption of emerging technologies through rapid prototyping and enterprise-scale deployment

- Architect data solutions using AWS, Snowflake, Databricks, and other modern platforms

- Oversee delivery of data lake projects including acquisition, transformation, and publishing

- Ensure data security, governance, and compliance across all architecture solutions

- Promote a data product-centric approach to solution design and delivery

- Align innovation efforts with business strategy, IT roadmap, and regulatory requirements

Essential Requirements

- Bachelor's degree in computer science, engineering, or a related field

- Over 10 years of experience in analytical and technical frameworks for descriptive and prescriptive analytics

- Strong expertise in AWS, Databricks, and Snowflake service offerings

- Proven experience delivering data lake projects from acquisition to publishing

- Deep understanding of data security, governance policies, and enforcement mechanisms

- Agile delivery experience managing multiple concurrent delivery cycles

- Strong knowledge of MLOps and analytical data lifecycle management

- Excellent communication, problem-solving, and cross-functional collaboration skills

Desirable Requirements

- Experience working with pharmaceutical data and familiarity with global healthcare data sources

- Exposure to regulatory frameworks and compliance standards in the life sciences industry

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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Operations

Business Unit
CTS

India

Hyderabad (Office)

Company /Legal Entity
IN10 (FCRS = INO10) Novartis Healthcare Private Limited

Functional Area
Technology Transformation

Job Type
Full time

Employment Type
Regular

Shift Work
No

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