

Associate Director - Data Science

Job ID

REQ-10085696

Oct 05, 2026

LOC_IN

About the Role

Key Responsibilities

- Lead the design, development, deployment, and monitoring of Generative Artificial Intelligence and agentic solutions.
- Translate complex biomedical and business challenges into scalable data science and artificial intelligence strategies.
- Drive innovation by applying advanced analytics, machine learning, and enterprise data management practices.
- Partner with scientific, technical, and business stakeholders to deliver measurable impact and strategic outcomes.
- Establish robust data lifecycle practices to ensure trusted, accessible, and high-quality enterprise data.
- Guide cross-functional teams in solving critical business problems through data-driven decision making.
- Evaluate and adopt emerging technologies, tools, and methodologies to advance analytical capabilities.
- Communicate insights and recommendations effectively to senior leaders and non-technical audiences.
- Build organizational capabilities through mentoring, coaching, knowledge sharing, and best-practice development.
- Contribute to external scientific communities through research, publications, and industry collaborations.

Essential Requirements

- 8+ Years expertise in designing, deploying, evaluating, and scaling Generative Artificial Intelligence and agentic systems.
- Strong programming and software engineering experience using Python, application programming interfaces, and cloud platforms.
- Experience building production-grade solutions with testing, continuous integration, deployment, observability, and security practices.
- Demonstrated ability to apply machine learning, advanced analytics, and data science to complex business challenges.
- Strong stakeholder management skills with the ability to translate scientific needs into practical solutions.
- Excellent communication and leadership capabilities, influencing decisions across technical and non-technical audiences.

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

Role Requirements

Division

DIV_RE

Business Unit

Research

Location

LOC_IN

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

FCT_DD

Job Type

Full time

Employment Type

Regular

Shift Work

No

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