

Associate Director Data Science

Job ID
REQ-10067019

11月 20, 2025

India

摘要

The Insights and Decision Science (IDS) team is dedicated to enabling improved decision making at Novartis by leveraging superior data to identify actionable insights that drive enhanced performance. We collaborate closely with the US business, bringing insights and challenging ideas to empower smarter, data-driven decision-making. This role is crucial in leading the development and deployment of advanced AI solutions that enhance operational efficiency and drive strategic growth across the organization. This position plays a vital role in integrating AI-driven solutions across various platforms, fostering collaboration between the US commercial team and the India-based data science team. By championing the exploration of cutting-edge AI technologies, the Lead - Data Science ensures that our strategies are informed by the latest advancements in generative AI and large language models (LLMs). This role will collaborate with other members of the IDS AI and Innovation team members to create, pilot, and scale AI tools to support broader goals of the IDS strategy to transform business processes and outcomes.

About the Role

Associate Director, Data Science

Location - Hyderabad #LI Hybrid

Major Responsibilities:

- Lead the development and deployment of scalable AI solutions, focusing on advanced AI applications across various business units.
- Be prepared to engage in hands-on work when necessary to support the team and further our data science initiatives.
- Collaborate with cross-functional teams to integrate AI-driven solutions across various platforms and services.
- Drive innovation by staying current with advancements in AI, particularly in generative models and LLM technologies.
- Champion the exploration and integration of cutting-edge AI technologies, particularly in the field generative AI. Act as a key liaison between the US commercial team and the India-based data science team.
- Stay abreast of state-of-the-art foundation models and other innovative trends in data science and leverage these insights to inform our strategies.
- Bring a “can-do” attitude and teamwork and inspire others on culture change. Acts as an AI role model, championing a culture that embraces cutting-edge AI technologies and encourages experimentation and adoption of best practices
- Drive collaboration with East Hanover and Hyderabad teams ensuring effective knowledge transfer and alignment on priorities.

Minimum Requirements:

Education: Bachelor's degree in related field is required; Master of Science and/or MBA strongly preferred

- Minimum of 10 years of experience in data science, with 6-8 years of experience in the pharmaceutical industry
- Build and deploy scalable machine learning models using cloud-based services such as AWS and Azure
- Strong understanding of deep learning algorithms, foundational/ LLM models and statistics
- Ability to operate in a hands-on capacity when necessary.
- Proficient in programming languages such as Python, Spark, TensorFlow, and PyTorch
- Excellent problem-solving skills and ability to identify creative solutions to complex problems
- Strong ability to effectively communicate and work across different time zones
- Supports direct reports and delivers own individual contribution

Preferred Requirements:

- Minimum 10 years of experience in analytics, decision science, or related roles, preferably in the pharmaceutical or healthcare sector
- Ability to balance operational execution with high-level strategic thinking, supporting both day-

to-day performance and long-term business goals

- Ability to work collaboratively with cross-functional teams, including sales, data Operations, and product development and drive strategic initiatives
- Excellent communication skills, capable of effectively collaborating with senior leadership and aligning diverse teams
- Proficiency in insight and hypothesis generation, data science, and primary and secondary research methodologies
- Ability to thrive in a fast-paced, dynamic environment and adapt to changing business needs and priorities

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部门
US

Business Unit
General Management

地点
India

站点
Hyderabad (Office)

Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area
Data and Digital

Job Type
Full time

Employment Type
Regular

Shift Work
No

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