

Specialist, Data Science & Artificial Intelligence

Job ID

REQ-10087413

Sep 20, 2026

LOC_IN

About the Role

Location: Hyderabad NKC.

Key Responsibilities:

- Deliver predictive and classification models using machine learning and statistical algorithms as an individual contributor for various projects related to commercial pharma, in close collaboration with senior associates in the team.
- Analyze large datasets from various sources (Claims, Sales, Promotions, etc.) to uncover insights and drive decision-making processes
- Bring in operational efficiencies in the existing processes by closely working with senior associates in the team.
- Deliver through a structured project management approach with appropriate documentation and communication throughout the project delivery cycle.
- Support the creation and maintenance of standard operating procedures and quality checklists to ensure excellent quality outputs within the function.
- Deliver projects and manage internal customer expectations across multi-channel marketing analytics, targeting and segmentation, predictive analytics, resource allocation and optimization, and ad-hoc requests.
- Support the exploration and integration of cutting-edge AI technologies, particularly in the field of generative AI and LLM technologies.

Essential Requirements:

- Experience of 3 years in data science, ideally within the pharmaceutical or healthcare sectors.
- Deep understanding of Statistics, Predictive Analytics, Machine Learning, Deep Learning algorithms
- Proficient in programming languages such as Python, R, PySpark
- Excellent problem-solving skills and ability to identify creative solutions to complex problems
- Strong ability to effectively communicate and work across different time zones
- Excellent verbal and written communication skills to articulate and present business problems and solutions to key stakeholders persuasively

Education (minimum):

Bachelor's degree in related field is minimum required.

Values and Behaviors: Demonstrates and upholds Novartis values and behaviors in all aspects of work and collaboration.

Desirable Requirements:

- 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 Marketing, Field & Sales, Data Enablement & Platform Teams for product development
- Excellent communication skills, capable of effectively collaborating with senior leadership
- Ability to thrive in a fast-paced, dynamic environment and adapt to changing business needs and priorities

Role Requirements

Division

DIV_IM

Business Unit

General Management

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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