

Senior Manager Data Science

Job ID

REQ-10072514

May 26, 2026

LOC_IN

About the Role

Major accountabilities:

- Project manage own tasks and works with allied team members; plans proactively, anticipates and actively manages change, sets stakeholder expectations as required, identifies operational risks and drives issues to resolution, minimizes surprise escalations, with initial support from supervisors
- Collaborate with internal stakeholders, external partners and cross-functional teams to solve critical business problems
- Understand life science data sources including preclinical, clinical, sales, contracting, promotions, social media, patient claims and Real World Evidence
- Research and co-develop with supervisor in data management, new algorithms, methods, statistical models and business models and providing insight into structured and unstructured data
- Quickly learn the use of tools, data sources and analytical techniques needed to answer a wide range of critical business questions
- Support the evaluation of the need for technology and novel scientific software, visualization tools and new approaches to computation to increase the efficiency and quality of the Novartis practices
- Independently identifies research articles and proposes them for application to Novartis business problems
- Develop automation for data management, repeatedly refreshing analysis and generating insights
- Articulates solutions /recommendations to business users.
- Works with senior data science team members to present analytical content concisely and effectively
- Ability to provide understandable and actionable business intelligence for key stakeholders
- May lead a small team or in-depth technical expertise in a scientific / technical field depending upon the career path (Manager/Individual contributor)
- Reporting of technical complaints / adverse events / special case scenarios related to Novartis products within 24 hours of receipt
- Distribution of marketing samples (where applicable)
- Ensure a healthy and safe workplace by complying with Novartis HSE and ISEC standards, implementing measures, providing training and resources, supporting employee well-being, investigating incidents, and collaborating with HSE teams to maintain a safe environment while adhering to quality, ethical, health, safety, and environmental requirements

Key performance indicators:

- Achievement and governance endorsement of data management, advanced analytics program tollgates
- Successful implementation based on KPI's and data management, advanced analytics program objectives

Minimum requirement: Work experience:

- 6+ years of relevant experience in Data Science

Skills:

- Artificial Intelligence (AI)
- Data governance
- Data literacy
- Data quality
- Data science

- Data Visualization
- Deep learning
- Machine Learning (ML)
- Machine Learning Algorithms
- NLP (Neuro-Linguistic Programming) and GenAI
- Statistical Analysis
- Time Series Analysis
- Python (Programming Language)
- R (Programming Language)
- SQL (Structured Query Language)
- Graph algorithms
- Logistic Regression Model
- Pandas (python)
- Biostatistics
- Change Management
- Stakeholder Engagement
- Learning Agility
- Curiosity

Language:

- English

Role Requirements

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: Learn about all the ways we'll help you thrive personally and professionally.

[Read our handbook \(PDF 30 MB\)](#)

Division

DIV_NI

Business Unit

Information Technology

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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