

Senior Expert Data Science

Job ID

REQ-10078364

May 27, 2026

LOC_ES

About the Role

Key Responsibilities

- 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
- 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
- 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
- Understand complex and critical business problems, formulates integrated analytical approach to mine data sources, employ statistical methods and machine learning algorithms to contribute to solving unmet medical needs, discover actionable insights, and automate processes for reducing effort and time for repeated use.
- Manage the implementation and adherence to the overall data lifecycle of enterprise data from data acquisition or creation through enrichment, consumption, retention, and retirement, enabling the availability of useful, clean, and accurate data throughout its useful lifecycle.
- High agility to be able to work across various business domains. Integrate business presentations, smart visualization tools and contextual storytelling to translate findings back to business users with a clear impact.

Essential Requirements:

- 4+ years of relevant experience in Data Science
- Track record delivering global solutions at scale.
- In-depth mastery of external environment and trends
- In depth knowledge of Artificial Intelligence (AI), Machine Learning
- Experience in Python is a must
- Professional level of English, both written and spoken
- Strong collaboration skills and ability to work effectively across functions and teams.

Commitment to Diversity & Inclusion

Novartis is committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

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_FI

Business Unit

Finance

Location

LOC_ES

Site

Barcelona Gran Vía

Company / Legal Entity

ES06 (FCRS = ES006) Novartis Farmacéutica, S.A.

Functional Area

FCT_DD

Job Type

Full time

Employment Type

Regular

Shift Work

No

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