

# Senior Expert Data Science

Job ID  
REQ-10009312  
Jul 24, 2024  
India

## Summary

- Understand complex and critical business problems, formulates integrated analytical approach to mine data sources, employ statistical methods and machine learning algorithms to contribute solving unmet medical needs, discover actionable insights and automate process for reducing effort and time for repeated use.
- To 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. 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.
- Independently manage budget, ensuring appropriate staffing and coordinating projects within the area. If managing a team: empowers the team and provides guidance and coaching, with initial guidance from more senior leaders supervised. This is usually their first people manager experience .

## About the Role

**Role Title: REQ-10009312 Senior Expert Data Science (Open)**

**Location: Hyderabad**

### Roles and 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 partner concerns, 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 of technology and novel scientific software, visualization tools and innovative approaches to computation to increase efficiency and quality of the Novartis practices - Independently identifies research articles and propose 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 member 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)

### **Essential Requirements:**

### **Education & Qualifications**

- Bachelor's degree or equivalent experience in a computer science, engineering or information technology discipline.

### **Experience**

- In-depth proficiency in external environment and trends.
- 15+ years of relevant experience in Data Science.
- 2+ years of relevant experience in Data Science.
- Track record delivering global solutions at scale.
- Has a strong professional network across Academia.

### **Skills:**

- Apache Hadoop.
- Applied Mathematics.
- Big Data.
- Curiosity.
- Data Governance.
- Data Literacy.
- Data Management.
- Data Quality.
- Data Science.
- Data Strategy.
- Data Visualization.
- Deep Learning.
- Machine Learning (ML).
- Machine Learning Algorithms.
- Master Data Management.
- Proteomics.
- Python (Programming Language).
- R (Programming Language).
- Statistical Modeling.

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

Commitment to Diversity & Inclusion: We are committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

You'll receive: You can find everything you need to know about our benefits and rewards in the Novartis Life

Handbook. <https://www.novartis.com/careers/benefits-rewards>

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here:

<https://talentnetwork.novartis.com/network>

**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>

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

Division

Operations

Business Unit

CTS

Location

India

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Data Science

Job Type

Full time

Employment Type

Regular

Shift Work

No

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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](mailto: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.

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