

# Expert Data Science

Job ID  
REQ-10017717  
Aug 01, 2024  
India

## Summary

As a Expert Data Science you should Understands business problems, supports integrated analytical approach to mine data sources, manage data effectively, 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. Provide data science and quantitative analytical support by ensuring timely delivery of high quality reports. Build capabilities to leverage the Science of data.

## About the Role

### Major accountabilities:

- Under guidance of their supervisors and team members and gradually more independently -Translate business questions into analytical problems and build solutions using visualization techniques, machine and deep learning, and statistical modeling -Search and develop data management techniques, new algorithms, methods, statistical models and business models, providing insight into structured and unstructured data.
- Quickly learns and pilots the use of tools, data sources and analytical techniques needed to answer wide range of critical business questions and to improve status quo -Identifies research articles and reproduce /apply innovative methodology to Novartis business problems -Provide understandable and actionable business intelligence for key stakeholders.
- Brings understanding of one or more areas of data sciences and is able to demonstrate practical knowledge of techniques -Helps developing new quantitative methods with the aim of improving processes in various projects and developing new analysis opportunities by integrating existing and new data sources -Support various projects, of limited scope.
- Reporting of technical complaints / adverse events / special case scenarios related to Novartis products within 24 hours of receipt -Distribution of marketing samples (where applicable)

### Desirable Requirements:

- In-depth mastery of external environment and trends. Has a strong professional network across Academia.
- 0-2 years of relevant experience in Data Science. Track record delivering global solutions at scale.
- 6-8 years of relevant experience in Data Science.
- Has a strong professional network across academia.
- Exposure & experience in statistical techniques, machine learning, NLP, AI etc.
- Understanding of supply chain/ manufacturing / quality and associated areas.
- Experience in Data Wrangling & Statistical / ML application using R or Python and ability to manage substantial volumes of data.

- Expertise in building powerful visualizations using Tableau / QlikSense / R shiny, etc. Able to work in Agile environment and has strong quality & compliance mindset.
- Good communication/ collaboration/ storytelling skills. Action-oriented approach and excellent analytical skills

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>

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>

Commitment to Diversity and Inclusion:

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

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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**Benefits and Rewards:** Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

Division

Operations

Business Unit

Innovative Medicines

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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