

# Associate Director Data Science

Job ID  
REQ-10011241  
Aug 07, 2024  
India

## Summary

Our Development Team is guided by our purpose: to reimagine medicine to improve and extend people's lives. To do this, we are optimizing and strengthening our processes and ways of working. We are investing in new technologies and building specific therapeutic area and platform depth and capabilities – all to bring our medicines to patients even faster. We are seeking key talent, like you, to join us and help give people with disease and their families a brighter future to look forward to. Apply today and welcome to where we thrive together! We are looking for an associate director to join our Analytics Computing & Engineering (ACE) team in Development. Within Development, our core statistical computing environment is used for submissions as well as exploratory data science related activities. Hosting a wide range of scientific software, the goal is to provide a robust and state-of-the-art platform for our 1900+ users. We are looking for someone to enable our analytics and statistical programming community by providing operational excellence in our ongoing efforts to design, build and maintain tools and infrastructure in close collaboration with IT.

## About the Role

### Major Accountabilities but not limited to:

- Engage with user communities to identify high priority subject areas and articulate business value, identifying and driving opportunities for continuous improvement and modernization in our tooling
- Lead the design and development of technical frameworks and tools (packages, applications, etc.) that enable clinical trial teams to use open source in a GxP setting.
- Play a key role in driving the agile development cycle of the tool coordinating work across various stakeholders (IT, QA, ...)
- Help drive change management and uptake of emerging tools and ways of working
- Write technical content for our knowledge hubs, share and promote them to a wide range of users
- Support definition, implementation and tracking of effectiveness of best practices.
- Drive process specific initiatives such as R Package Management and Automation, R Shiny Performance Improvement, etc.
- Coach junior team members in technical topics and best practices
- Help drive the culture of open-source development through engagement in external communities to both

contribute new packages / features as well as maintenance and support activities.

**Experience/Professional Requirement:**

- MSc in a quantitative / computational science (e.g. compute science, machine learning, statistics, physics, mathematics) or relevant experience. Preferred: experience in the life sciences sector.
- 5 to 10 years of experience in the development of applications / dashboards / websites (Shiny, JavaScript, Quarto, etc.) that can help communication of complex topics (e.g. data visualization, analysis, etc.).
- Understanding of the regulatory requirements (e.g. GxP ) and computer system validation principles.
- Depth of knowledge in good software development practices (virtual environments, versioning, code review etc.) with experience of embedding these in the day-to-day work of a team.
- Experience in using tools like JIRA, git, virtual whiteboards to plan, collaborate and track progress.
- Solution-oriented mindset with a collaborative spirit.
- Excellent written and verbal communication skills (English language).

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>

**Join our Novartis Network:** Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up:

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

**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>

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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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