NOVARTIS

Senior Expert Data Science

Job ID
REQ-10027677
Nov 11, 2024
India

About the Role

Major accountabilities:

- Project manages own tasks and work with team members; plans proactively, anticipates, and actively manages change,
- Supports teams to set stakeholder expectations as required, identify operational risks and provide insights leading to effective mitigations.
- Collaborate with internal stakeholders, external partners, and cross-functional teams to solve critical business problems.
- Research, develop and/or co-develop new algorithms, methods, statistical models and business models and providing insight into structured and unstructured data.
- Quickly learn to use tools, data sources and analytical techniques needed to answer a wide range of critical business questions
- Assist in building and rolling out tools to enable scientific colleagues to effectively analyze large amounts of data using basic statistical tools with minimal oversight.
- Support the evaluation of novel software, visualization tools and new approaches to statistics and AI to increase efficiency and quality of the Novartis practices.
- Independently identify research articles and propose them for application to Novartis business problems.
- Interface between IT and business needs for lab digitalization.
- Articulate solutions/recommendations to business users.
- Present analytical content concisely and effectively
- Ability to provide understandable and actionable business intelligence for key stakeholders.

Minimum Requirements:
Education and Work Experience:

- Minimum: Advanced degree in statistics, data science, physical science, engineering, pharmaceutics or relevant discipline (PhD or equivalent) with a strong focus on DoE, combining experiments and simulations or data science techniques.Desirable: Ph.D. in scientific or relevant discipline or equivalent
- Experience in pharmaceuticals, food, chemicals, oil and gas or similar.
- Master's with 8-10 years' experience or PhD with 4-6 years' experience.
- Expert in statistical experimental design such as Design of Experiments, Python/R programming, Machine learning, Statistical analysis, Lab experimentation, Curiosity, Collaboration, Agile, Adaptability, Scientific acumen, Presentation/writing skills, Bayesian optimization etc.
- Expert in multi-variate data analysis
- Interdisciplinary thinking and interest in collaboration with other functions.

- Successfully demonstrated track record of creativity and problem solving in projects.
- Strong presentation skills and scientific/technical writing skills.
- Good project management skills.
- Good communication skills, organizational, planning and negotiation skills.
- Coaching skills
- Curiosit
- Skills (Desirable but not mandatory)
- Knowledge of relevant GLP, GMP regulations and policies.
- Understanding of the development of pharmaceutical formulations including solid understanding of QbD principles
- Applied Mathematics, Statistical modelling, Data Science. Data Visualization.

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

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

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

Division
Development
Business Unit
Innovative Medicines
Location
India
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
Data and Digital
Job Type
Full time
Employment Type
Regular
Shift Work

No

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