NOVARTIS

Senior Expert Data Science (Statistician)

Job ID
REQ-10015262
Juil 21, 2024
Inde

Résumé

Work closely with project teams (FPL, DPPL, APL) and innovation teams to drive use of statistical and data science methods in combined lab and computational experimental planning, analysis and reporting for the development of synthetic molecule formulations. Enable scientists to independently work with basic statistical methods while directly supporting advanced statistical and AI tasks. Apply statistical and data science methods to generate business insights for continuous improvement and enhancing our ways of working.

About the Role

Your responsibilities will include, but are not limited to:

- Project manage own tasks and works 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.
- Develop automation for repeatedly refreshing analysis and generating insights.
- 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:

·Minimum: Advanced degree in mathematics, physical science, or relevant discipline (PhD or equivalent) with a strong focus on statistical and data science techniques. Desirable: Ph.D. in scientific or relevant discipline or equivalent

·Expert in statistical experimental design such as Design of Experiments, Bayesian optimization etc.

·Expert in multi-variate data analysis

·Experienced in AI with particular focus on machine learning application to data driven models and predictive analytics

·Understanding of the development of pharmaceutical formulations including solid understanding of QbD principles

·Interdisciplinary thinking and interest in collaboration with other functions.

·Successfully demonstrated track record of creativity and problem solving in projects.

·Knowledge of relevant GLP, GMP regulations and policies.

·Strong presentation skills and scientific/technical writing skills.

·Good project management skills.

·Good communication skills, organizational, planning and negotiation skills.

·Excellent coaching skills

·Experience in programming, e.g. python, R etc.

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

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