

Expert Data Science

Job ID
REQ-10065185

10月 26, 2025

China

摘要

-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

Key responsibilities:

- 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)

Essential 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.

Skills:

- Biostatistics.
- Computer Programming.
- Data Analysis.
- Data Management.
- Data Mining.
- Data Quality.
- Data Visualization.
- Databases.
- Deep Learning.
- Graph Algorithms.
- High-Performance Computing.
- Logistic Regression Model.
- Machine Learning (ML).
- Master Data Management.
- Pandas (Python).
- Python (Programming Language).
- R (Programming Language).
- Random Forest Algorithm.
- Sql (Structured Query Language).
- Statistical Modeling.
- Time Series Analysis.

Languages :

- English.

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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部门

Biomedical Research

Business Unit

Pharma Research

地点

China

站点

Shanghai (Shanghai)

Company / Legal Entity

CN14 (FCRS = CN014) China Novartis Institutes for BioMedical Research Co., Ltd.

Functional Area

Data and Digital

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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