

Specialist Data Science

Job ID
REQ-10033534
Dec 11, 2024
India

Summary

Provide advanced analytics solutions delivery and reporting support to Novartis internal stakeholders. Utilize data science methodologies to drive continuous improvements and elevate client experience.

About the Role

Major accountabilities:

- Transform raw data into actionable business insights through advanced data science techniques and statistical analysis.
- Generate predictive and prescriptive analytics to inform business strategies.
- Develop, implement, and maintain machine learning models and solutions for various business problems.
- Conduct hypothesis testing, experimental design, and advanced statistical analysis to support decision-making.
- Implement data preprocessing and feature engineering techniques to prepare data for modeling.
- Evaluate model performance and conduct model tuning to ensure accuracy and reliability.
- Develop interactive visualizations using state-of-the-art tools compatible with Novartis servers to support data-driven decisions.
- Develop dashboards that effectively communicate insights and trends to stakeholders.
- Create (semi) automated scripts and workflows for data processing, analysis, and reporting to eliminate manual steps and improve efficiency.
- Translate stakeholders' requirements into actionable analytics projects and deliverables.
- Maintain regular communication with stakeholders to manage expectations and gather feedback.
- Provide training to end-users on the functionality and utility of new analytics solutions and dashboards.
- Monitor compliance and ensure the accuracy and timeliness of deliverables.
- Adhere to training on relevant procedures before engaging in any GxP activities.
- Continuously report the status of deliverables and acquire process knowledge.
- Stay current with the latest data science tools, methodologies, and trends to ensure the analytics function remains cutting-edge.
- Drive the development of proof-of-concept projects, ad hoc analyses, new reporting initiatives, and customer showcasing.
- Foster a culture of innovation and continuous learning within the team.
- Comply with all internal functional operating procedures, such as time tracking, KPI tracking, and reporting.
- Contribute to developing and sustaining an inspiring, curious, and un-bossed culture.

Key performance indicators:

- Speed of delivery & quality of deliverables
- Complexity of projects
- Standardization of processes
- Innovation & new technology adoption
- Agile practices for productivity
- Technical & functional mentoring
- Art of story telling

Minimum Requirements:

Work Experience:

- Good knowledge of data analytics, managing large and multiple datasets coming from multiple databases/sources
- Experience in BI reporting and KPI development, testing & development
- Hands on expertise on ETL and data wrangling tools like Alteryx Python, SQL or similar.
- Hands on expertise on developing dashboards, UI/UX in QlikSense, Tableau, publish and managing access on server platform.
- Proficiency in data science, including machine learning, statistical analysis, and advanced analytics techniques.
- Proven ability to work with data and create powerful presentations

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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Division

Operations

Business Unit

Innovative Medicines

Location

India

Site

Telangana

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Technical Operations

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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