NOVARTIS

Lead, Data & Analytics

Job ID
REQ-10028397
Nov 05, 2024
Japan

About the Role

Major Accountabilities (Describe the 5-7 main results of this role to be achieved)

- Developing and implementing a comprehensive data strategy that leverages data assets to create business value, enhance patient and HCP experience, and advance the company's competitive position.
- Collaborating with global team, business leaders and franchises to identify and deliver new data-driven opportunities that generate growth, improve efficiency, and enhance the patient and HCP experience.
- Driving the creation of a data-driven culture that leverages data and analytics to support decision-making and drive business impact.
- Defining the enterprise data management strategy based on the Data Strategy combined with local business and DD&IT objectives such as MAXIM retirement.
- Activating mechanisms to ensure data is managed as a strategic asset within the organization and ensuring the quality of critical data in all systems/environments such as IM DnA Hub
- Developing several new data products such as DRO, C360, IM BEST, and IDS+
- Maintaining and updating the Data and AI Governance framework, policies, and procedures for data and information governance.
- Developing and implementing a data and AI literacy program that equips employees with the skills and knowledge needed to use data effectively.
- Leading and managing a high-performing team, fostering a collaborative and innovative environment that encourages professional growth and development.
- Providing strategic direction and leadership to ensure team alignment with organizational goals, while motivating and inspiring team members to achieve excellence.

Key Performance Indicators (Indicate how performance for this role will be measured)

The following items to achieve ICE:

- Analytics projects resulting in better decision making or tangible actions
- Extent to which new data platforms (i.e. IM DnA) and data products such as DRO, C360, IM BEST, and IDS are utilized
- Literacy improvement as well as culture to make fact & data-driven decision making
- Customer satisfaction rating / feedback by internal stakeholders (Business Franchise Head, relevant management members, and DD&IT members)

Job Dimensions (Indicate key facts and figures)

Number of associates: TBD

Impact on the organisation:

- Further strengthen the data and AI backbone that underpins ICE, accelerating its implementation and effectiveness.
- Deliver actionable insights generated in collaboration with business franchises, driving informed decision-making and strategic actions.
- Streamline data processes and analytics operations to reduce costs and improve the efficiency of patient care delivery, leading to better resource allocation.

Background (State the required education, experience level, and competency profile)

Education:

- Bachelor's degree and above in Analytics, Information Systems Management, Computer Science or related fields, and a master's degree is preferred.

Experience/Professional requirement:

- Demonstrating strong leadership skills and the ability to lead cross-functional teams, fostering a collaborative and high-performance work environment.
- Exhibiting excellent communication and interpersonal skills, with the ability to articulate complex data concepts to a non-technical audience in both English and Japanese, ensuring clear and effective communication across all levels of the organization.
- Proven track record of successfully leading data and AI-related initiatives and delivering results, with a focus on developing and executing data strategies that drive business value.
- Utilizing strong analytical and problem-solving skills to apply data-driven insights to business challenges, guiding the team in making informed decisions.
- Expertise in analytics tools such as Python, SQL, Hadoop, and similar technologies, and mentoring team members in their effective use.
- Experience with modelling, including building and validating models to derive insights from data, and leading the team in developing robust analytical solutions.
- Deep understanding of data management technologies, such as data warehouses, data lakes, and data integration tools (e.g., Informatica), used for extracting, transforming, and loading (ETL) data from various sources, and ensuring the team is proficient in these technologies.
- Proficiency in analytics platforms (e.g., PowerBI) and familiarity with Data Platform stacks (e.g., AWS and Azure), guiding the team in leveraging these tools for maximum impact.
- Demonstrating advanced proficiency in Snowflake for data engineering, including designing and optimizing data pipelines, managing data warehousing solutions, and ensuring seamless data integration.
- Knowledge of AI-related technologies such as large language models, generative AI, and voice-to-text, and leading the team in exploring and implementing these technologies to drive innovation.
- The Senior Lead of Data & Analytics should work closely with global and DD&IT teams to implement and maintain these technologies, leading efforts to drive innovation and create value, while providing strategic direction and leadership.
- Ensuring compliance with data privacy and security regulations, and leading the team in adhering to industry standards and best practices.

English Skill:

- Business level is required

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
International
Business Unit
Innovative Medicines
Location
Japan
Site
Head Office (Japan) (Pharmaceuticals)
Company / Legal Entity
JP05 (FCRS = JP005) Novartis Pharma K.K.
Functional Area
Data and Digital
Job Type
Full time
Employment Type
Regular
Shift Work
No
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