

Director of Data Science and Artificial Intelligence (DS&AI) for People & Organization (P&O) and Corporate Functions (CF)

Job ID
REQ-10059914

8月 14, 2025

Czech Republic

摘要

Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

We are seeking an experienced Director of Data Science and Artificial Intelligence to lead and support global initiatives in Data Science and AI for People & Organization (P&O) and Corporate Functions. This role focuses on leading initiatives within P&O and Corporate Functions through collaboration with a range of stakeholders. As a key leader in the organization, you will promote automating full processes and creating holistic AI applications-making and data-driven practices, fostering operational efficiency and innovation across Novartis. Focus is on Generative AI.

About the Role

Key Responsibilities:

- Support the development and implementation of a roadmap to enhance People & Organization (P&O) and Corporate Functions using effective data management, Data Science, and Artificial Intelligence.
- Apply innovative problem-solving approaches to generate measurable value through advanced analytics and AI-driven solutions.
- Coordinate and prioritize team resources to support high-impact initiatives. Facilitate innovation by fostering a culture of continuous learning and improvement within the data science community.
- Manage resources proactively, anticipate challenges, align stakeholders' expectations, mitigate risks, and implement solutions effectively.
- Provide agile guidance for urgent, unplanned problems, leveraging exploratory analyses and tailored solutions. Refine the organization's AI adoption strategy to enhance decision-making and workflows.
- Share findings through internal presentations and external engagements (e.g., conferences), positioning Novartis as a leader in Data Science and AI.
- Act as a champion for innovation and data-driven practices, promoting cross-functional alignment across P&O and Corporate Functions.
- Lead AI initiatives by embedding scalable and actionable solutions to address business needs and accelerate innovation within Novartis's operations. Deliver actionable insights and designs using methods like machine learning, deep learning, and cognitive computing and AI.
- Collaborate with teams to develop "proof of concepts" and frameworks that streamline decision-making and drive business outcomes.

Commitment to Diversity & Inclusion: :

We are committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

What you'll bring to the role:

- 12+ years of relevant experience in Data Science, Machine Learning (ML), and advanced analytics. In depth experience with latest GenAI application developments. Demonstrated success in contributing to AI and data science initiatives, with experience delivering impactful solutions at scale.
- Demonstrated expertise in developing GenAI applications using cutting-edge technologies, including autonomous agents and multimodal embedding pipelines.
- Advanced knowledge of data management, data strategy, governance frameworks, data quality, and master data management.

- Ability to influence and align stakeholders at multiple organizational levels to execute data and AI-driven strategies effectively. Proven ability to inspire teams, foster collaboration, and instill a culture of innovation and improvement across functions.
- Proven track record of deploying GenAI solutions into production environments, ideally leveraging Microsoft Azure services such as Azure AI Foundry, Data Insights (DI), and Azure AI Search. Strong leadership experience managing cross-functional teams composed of GenAI data scientists, Azure engineers, and frontend developers.

Desirable requirements:

- A Master ' sdegree or Ph.D. in a quantitative or technical discipline such as Data Science, Artificial Intelligence (AI), Machine Learning, Statistics, Applied Mathematics, Computer Science, or a related field.

You ' ll receive(only applicable to CZ):

Monthly pension contribution matching your individual contribution up to 3% of your gross monthly base salary; Risk Life Insurance (full cost covered by Novartis); 5-week holiday per year; (1 week above the Labour Law requirement) ; 4 paid sick days within one calendar year in case of absence due to sickness without a medical sickness report; Cafeteria employee benefit program - choice of benefits from Benefit Plus Cafeteria in the amount of 13,500 CZK per year; Meal vouchers in amount of 110 CZK for each working day (full tax covered by company); Car Allowance; MultiSport Card. Find out more about Novartis Business Services: <https://www.novartis.cz/>

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to learn more about Novartis and our career opportunities, join the Novartis Network here: <https://talentnetwork.novartis.com/network>

Accessibility and accommodation:

Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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>

部门

Operations

Business Unit

CTS

地点

Czech Republic

站点

Prague

Company / Legal Entity

CZ02 (FCRS = CZ002) Novartis s.r.o.

Alternative Location 1

Barcelona Gran V í a, Spain

Alternative Location 2

Hyderabad (Office), India

Functional Area

Data and Digital

Job Type

Full time

Employment Type
Regular

Shift Work
No

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List of links present in page

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