NOVARTIS

ED, Advanced Analytics and Modeling

Job ID
REQ-10090113
Окт. 30, 2026
США

Сводка

#LI-Hybrid

The ideal location for this role is East Hanover, NJ site but remote work may be possible (there may be some re-strictions based on legal entity). Please note that this role would not provide relocation as a result. If associate is remote, all home office expenses and any travel/lodging to specific East Hanover, NJ site for periodic live meetings will be at the employee's expense. The expectation of working hours and travel (domestic and/or international) will be defined by the hiring manager. This position will require 15% travel.

The US Insights & Analytics (I&A) organization engineers the optimal decision environment for the US business by orchestrating, integrating, and synthesizing insights and analytics across therapeutic areas, functions, and the enterprise. Enterprise I&A drives enterprise decision environments through integrated executive analytics and portfolio insights that enable the organization to prioritize investments, track performance, and shape strategic direction.

Executive Director, Advanced Analytics & Modeling leads the Advanced Analytics & Modeling portfolio, translating priority business decisions into differentiated analytical capabilities, decision-ready evidence, and measurable business and patient impact. Define and execute the Advanced Analytics & Modeling Strategy, capability roadmap, portfolio priorities, talent model, and global operating model across Precision Health, Key Drivers & Action Planning Analytics, Integrated Promotion Mix Modeling & Resource Optimization, and the emerging AI & Unstructured Intelligence capability.

Executive Director, Advanced Analytics & Modeling will lead through senior capability owners, five Associate Director-level Advanced Analytics Leads, and an integrated Hyderabad organization. Establish clear capability ownership, flexible portfolio deployment, common quality expectations, and effective partnership with Strategy, Platforms & Technology (SPT) so analytical methods and insights are developed within I&A while reusable, recurring, or workflow-embedded solutions are enabled and scaled through SPT.

About the Role

Key Responsibilities:

- Define and evolve the integrated **Advanced Analytics & Modeling strategy**, capability roadmap, maturity agenda, and investment priorities aligned with business and portfolio needs.
- Lead and prioritize the portfolio across **Precision Health, Key Drivers and Action Planning Analytics, Integrated Promotion Mix Modeling and Resource Optimization, and AI and Unstructured Intelligence**.
- Establish transparent demand intake, prioritization, service levels, and portfolio governance across brands, launches, therapeutic areas, functions, and enterprise initiatives.
- Allocate US and Hyderabad resources to the highest-value business priorities, balancing near-term decision support with long-term capability development and reusable solutions.
- Hold capability leaders accountable for differentiated roadmaps, methodological excellence, talent development, reusable assets, and measurable business impact.
- Establish standards for analytical rigor, validation, interpretability, reproducibility, documentation, privacy, compliance, peer review, and responsible AI.
- Incubate **AI and Unstructured Intelligence** capabilities, including NLP, GenAI, text analytics, unstructured signal detection, evidence synthesis, and knowledge acceleration.
- Partner with senior Commercial, Medical, Market Access, Patient Services, Strategy, Finance, and Forecasting leaders to translate strategic priorities into actionable analytical agendas and recommendations.
- Partner with SPT (Strategy, Platforms, and Transformation) to define decision rights and ensure effective transition of scalable models and use cases into governed products, integrated solutions, ModelOps, and enterprise deployment.
- Lead the global US–Hyderabad operating model and develop the Associate Director engagement bench through coaching, strategic deployment, capability alignment, succession planning, and end-to-end accountability for decision impact.

Essential Requirements:

- Minimum 12+ years of progressive leadership experience in advanced analytics, data science, decision science, commercial analytics, healthcare analytics, or a related quant field.
- Bachelor's degree in related field is required; Master of Science and/or MBA preferred
- Proven success defining and executing advanced analytics strategies, capability roadmaps, maturity agendas, and investment priorities across multiple analytical domains.
- Experience leading senior capability owners, flexible expert teams, complex portfolios, and globally distributed analytics organizations.
- Demonstrated expertise applying advanced analytics to high-impact commercial, patient, healthcare, launch, or enterprise decisions.
- Broad technical fluency across predictive modeling, patient analytics, driver analysis, causal inference, experimentation, promotion-mix modeling, ROI analysis, response curves, optimization, NLP, GenAI, and unstructured analytics.
- Experience establishing portfolio prioritization, capacity allocation, analytical quality governance, and reusable capability models.
- Strong judgment regarding methodological fit, evidence quality, validation, interpretability, uncertainty, model risk, privacy, and responsible AI.
- Proven ability to frame executive-level decisions, translate complex analytics into strategic choices, influence senior business and technology leaders, resolve conflicts, and manage portfolio trade-offs.

- Experience leading operating-model transformation, global delivery, organizational change, talent development, succession planning, and the division of analytical and technical ownership across models, products, platforms, ModelOps, and lifecycle management.

Desirable Requirements:

- Experience within pharmaceutical, biotechnology, life sciences, healthcare, or other highly regulated industries, with demonstrated expertise across product launches, customer and patient analytics, promotional effectiveness, market access, and healthcare delivery decision-making.
- Proven experience building and scaling AI-enabled analytics capabilities, including NLP, GenAI, unstructured-data analytics, experimentation, simulation, and optimization, while establishing integrated operating models across global capability centers and partnering effectively with data, analytics, product, platform, and technology organizations.

Novartis Compensation Summary:

The salary for this position is expected to range between $225,400.00 and $418,600.00 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

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

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally.
Read our handbook (PDF 30 MB)

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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General Management
Место
США
Состояние
Distant Working Arrangement, US
Сайт
Distant Employee - Distant Working Arrangement (DWA) (USA)
Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Alternative Location 1
East Hanover (New Jersey), New Jersey, США
Functional Area
Data and Digital
Job Type
Full time
Employment Type
Regular
Shift Work
No

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