NOVARTIS

Director, Advanced Analytics & Modeling Key Drivers Analytics (KDA) and CoE Lead

Job ID
REQ-10090235
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 restrictions 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.

Lead two critical capability areas within Advanced Analytics & Modeling (AA&M): enterprise Key Drivers Analytics (KDA) capability and the Associate Director team that scales across the portfolio providing Advanced Analytics solutions.

As KDA capability owner, apply advanced multivariate and diagnostic methods to explain what is driving performance across brands, markets, accounts, customers, and geographies, and translate that evidence into clear, prioritized actions.

As leader of the Associate Director team, deploy analytics talent across Precision Health, Integrated Promotion Mix Modeling (IPMM), KDA, AI & Unstructured Intelligence, and ad-hoc priorities set quarterly by the Executive Director, AA&M, so the AA&M portfolio delivers decision-ready evidence at scale.

About the Role

Key Responsibilities:

- Own the enterprise KDA (Key Driver Analytics) capability, including roadmap, methodologies, standards, governance, and delivery across priority business decisions.
- Lead and develop a team of Associate Directors, ensuring high-quality execution, talent growth, and effective deployment against enterprise priorities.
- Drive an integrated US-Hyderabad operating model, partnering with Advanced Analytics leadership to align roadmap, capabilities, capacity, and delivery.
- Lead end-to-end advanced analytics engagements, including business problem framing, hypothesis development, analytical design, model validation, insight generation, and recommendations.
- Define and execute multivariate driver analyses, segmentation, archetyping, diagnostic assessments, and scenario modeling to identify factors influencing business performance.
- Translate analytical insights into actionable recommendations, decision frameworks, and performance improvement strategies that drive measurable business impact.
- Prioritize capability investments and analytics initiatives based on strategic value, business needs, capacity, and organizational objectives.
- Partner cross-functionally with Customer & Patient Intelligence, SPT, and other stakeholders to ensure seamless execution, scalability, and adoption of analytical solutions.
- Establish and maintain standards for analytical rigor, validation, reproducibility, compliance, responsible AI, documentation, and quality assurance.
- Build reusable analytical assets, methods, and best practices while enabling Hyderabad teams to independently deliver increasingly complex and scalable KDA solutions.

Essential Requirements:

- Bachelor's degree in Statistics, Economics, Econometrics, Data Science, Applied Mathematics, Operations Research, or a related quantitative field required; advanced degree preferred.
- Minimum 8+ years of progressive experience in advanced analytics, data science, decision science, or commercial analytics in pharmaceutical, biotechnology, healthcare, or comparably complex industry experience.
- Previous experience leading a team, directly or indirectly
- Executive communication, stakeholder influence, and capacity management.
- Demonstrated leadership of driver, segmentation, diagnostic, or performance analytics programs that informed business action.
- Experience leading analytical programs from business-question framing through executive recommendation, adoption, and impact measurement.
- Experience leading analytics professionals, deploying talent flexibly across priorities, and delivering through globally distributed teams.
- Key-driver analysis, multivariate modeling, segmentation and archetyping, performance diagnostics, and scenario analytics.
- Working fluency across adjacent methods (predictive, patient analytics, IPMM/ROI, causal inference) sufficient to lead a flexible team.
- Strong judgment on correlation vs. causation, uncertainty, confounding, data limitations, and practical significance.

- Statistical programming and reproducible analytical workflows.

Desirable Requirements:

- Launch, account, subnational, or access analytics.
- Partnering with technology or platform teams to productize analytical solutions.

Novartis Compensation Summary:

The salary for this position is expected to range between $194,600.00 and $ 361,400.00

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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Место
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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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