NOVARTIS

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

Job ID
REQ-10090235
Oct 30, 2026
LOC_US

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.

Role Requirements

Division
DIV_IU
Business Unit
General Management
Location
LOC_US
Site
Distant Employee - Distant Working Arrangement (DWA) (USA)
Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Alternative Location 1

LOC_US
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
Apply to Job

Job ID
REQ-10090235

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

Apply to Job

Source URL: *https://jobapi.novartis.com/req-10090235-director-advanced-analytics-modeling-key-drivers-analytics-kda-and-coe-lead*

List of links present in page

1. https://jobapi.novartis.com/req-10090235-director-advanced-analytics-modeling-key-drivers-analytics-kda-and-coe-lead
2. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Distant-Employee---Distant-Working-Arrangement-DWA-USA/Director--Advanced-Analytics---Modeling-Key-Drivers-Analytics--KDA--and-CoE-Lead_REQ-10090235-2
3. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Distant-Employee---Distant-Working-Arrangement-DWA-USA/Director--Advanced-Analytics---Modeling-Key-Drivers-Analytics--KDA--and-CoE-Lead_REQ-10090235-2