NOVARTIS

AD, Advanced Analytics & Modeling

Job ID
REQ-10090109
Oct 27, 2026
LOC_US

About the Role

Key Responsibilities:

- Member of a bench of five Associate Director-level Advanced Analytics Leads, deployed against priority enterprise, launch, portfolio, and in-market work as directed by the ED and capability Directors.
- Supports three capability areas: Promotion Effectiveness, Measurement & Resource Optimization; Key Drivers & Action Planning Analytics; and Predictive Modeling & Precision Health.
- Holds a primary capability home providing methodological depth, while contributing across the other capability areas as demand and priorities shift.
- End-to-end accountability for assigned analytical engagements – from problem framing through executive-ready recommendation – under the methodological direction of the relevant capability Director.
- Directs and quality-assures analytical execution carried out by Hyderabad team members on assigned engagements; no direct reports.
- Applies and contributes to enterprise analytical standards and reusable approaches; does not set them.

Essential Requirements:

- Minimum 6 years of progressive experience in Advanced Analytics, Data Science, Decision Science, Commercial Analytics, Marketing Analytics, Econometrics, Operations Research, or a related quantitative field
- Bachelor’s degree in a quantitative discipline such as Statistics, Economics, Engineering, Mathematics, Operations Research, or Data Science; an advanced degree is preferred
- Demonstrated depth in at least one of: promotion effectiveness and marketing mix modeling, ROI and response-curve analysis, resource optimization, causal inference and experimentation, driver analysis and performance diagnostics, segmentation and archetyping, or predictive and patient-level modeling
- Demonstrated experience leading analytical work from problem framing through to executive recommendation
- Pharmaceutical, biotechnology, healthcare, or similarly complex data-rich commercial industry experience preferred
- Experience working with large, complex datasets and translating them into an integrated view of performance or opportunity
- Experience partnering directly with business stakeholders and presenting analytical findings to senior audiences

Desirable Requirements:

- Breadth across more than one of the CoE capability areas, including promotion effectiveness and resource optimization, key drivers and action planning, and/or predictive modeling and precision health; experience supporting product launches and in-market brand performance.
- Experience with subnational, account, customer, or patient-level analytics, including work with offshore or globally distributed analytics teams.

- Experience contributing to reusable analytical capabilities rather than solely project-based analytics, and experience operating through a large-scale organizational transformation or operating model redesign.

Novartis Compensation Summary:

The salary for this position is expected to range between $176,400 and $327,600 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.

Role Requirements

Division
DIV_IU
Business Unit
General Management
Location
LOC_US
Site
East Hanover
Company / Legal Entity
U014 (FCRS = US014) Novartis Pharmaceuticals Corporation
Functional Area
FCT_DD
Job Type
Full time
Employment Type
Regular
Shift Work
No
Apply to Job

Job ID
REQ-10090109

AD, Advanced Analytics & Modeling

Apply to Job

Source URL: *https://jobapi.novartis.com/req-10090109-ad-advanced-analytics-modeling*

List of links present in page

1. https://jobapi.novartis.com/req-10090109-ad-advanced-analytics-modeling
2. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/East-Hanover/AD--Advanced-Analytics---Modeling_REQ-10090109-2
3. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/East-Hanover/AD--Advanced-Analytics---Modeling_REQ-10090109-2