

Associate Director - Gen AI Business Analyst (Life Sciences)

Job ID

REQ-10054049

Jun 05, 2025

India

Summary

In this role, he will drive a strategic AI transformation across the pharmaceutical value chain, from drug discovery to commercialization, by leading enterprise-wide initiatives and coaching sub-ordinates to deliver high-impact solutions.

About the Role

Major Accountabilities

- **Domain Expertise:**

- Serve as a strategic expert in life sciences, providing leadership in applying Generative AI to drug discovery, clinical trials, regulatory affairs, pharmacovigilance, and market access.
- Drive thought leadership by identifying and promoting innovative Generative AI applications to position the organization as an industry leader.

- **Business Analysis:**

- Lead enterprise-wide initiatives to gather, analyze, and prioritize business requirements, aligning AI solutions with long-term organizational objectives.
- Oversee comprehensive analyses of complex business processes, designing AI-driven strategies to achieve operational excellence and competitive advantage.
- Authorize and review business cases, feasibility studies, and ROI analyses to secure executive approval for transformative AI initiatives.
- Ensure the creation of high-quality business requirements documents, process flows, and strategic roadmaps to guide enterprise-level AI implementations.

- **Stakeholder Engagement:**

- Act as a key liaison between C-suite executives, technical teams, and external partners, driving alignment on AI strategies and initiatives.
- Lead enterprise-level workshops, steering committees, and governance boards to shape AI adoption and ensure stakeholder buy-in.
- Represent the organization in industry forums and partnerships to advocate for AI-driven innovation in life sciences.

- **Team Management and Coaching:**

- Manage/mentor a team of Senior Specialist Business Analysts, providing strategic guidance, setting performance goals, and fostering professional development to ensure high-impact AI business use case delivery.
- Coach Senior Specialists in advanced business analysis techniques and Generative AI applications, enhancing their ability to address complex challenges in the life sciences domain and ensuring

alignment with organizational objectives.

- **Generative AI:**

- Oversee the development and deployment of enterprise-scale Generative AI solutions, ensuring alignment with business needs and technical feasibility.s
- Collaborate with AI architects and data science leaders to define model architectures and deployment frameworks for life sciences applications.
- Ensure AI solutions are scalable, reliable, and fully integrated into mission-critical workflows.

- **Regulatory & Compliance:**

- Establish governance frameworks to ensure AI solutions comply with global regulatory standards (e.g., USFDA, EU, PMDA) and ethical principles.
- Lead risk management efforts, addressing ethical, legal, and operational risks associated with AI deployment in life sciences.

Minimum Requirements

- 10–12 years of core Business Analyst or strategic consulting experience in the life sciences domain with at least 5 years leading AI technologies, supported by a Master's degree in Life Sciences, Biomedical Sciences, Computer Science, Data Science, or a related field. A PhD or MBA is highly desirable.
- Expert understanding of Generative AI, machine learning, and their applications in life sciences. Proficiency in advanced data analysis tools (e.g., Python, TensorFlow, Power BI).
- Exceptional project management skills, with a proven track record of leading enterprise-scale AI projects (e.g., Agile, SAFe, or PMI methodologies).
- Superior analytical and problem-solving abilities, with a strategic mindset and ability to drive organizational change.
- Outstanding communication and leadership skills, with the ability to influence C-level stakeholders and lead cross-functional teams.
- Deep familiarity with life sciences/pharmaceutical regulatory requirements and industry standards.

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Division

Operations

Business Unit

Universal Hierarchy Node

Location

India

Site

Hyderabad (Office)

Company / Legal Entity

IN10 (FCRS = IN010) Novartis Healthcare Private Limited

Functional Area

Technology Transformation

Job Type

Full time

Employment Type

Regular

Shift Work

No

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