NOVARTIS

Expert- Data Science

Job ID
REQ-10017966
Aug 06, 2024
India

About the Role

Major accountabilities:

- Your responsibilities will include, but are not limited to:
- Build and fine-tune algorithms that scale up from small-scale proof-of-concept to full production systems, applying SaaS, R, Python and other tools.
- Understand stakeholder and user requirements
- Structure problem domain and drive/define data, process, functional, and architectural requirements.
- Provide in-depth technical and business knowledge to ensure efficient design, programming and implementation
- Take accountability to ensure adherence with Security and Compliance policies and procedures
- Ensure maintenance of the proposed solutions
- Contribute and Lead GenAI/ other AI initiatives

Key performance indicators:

- Contribute to Operational excellence
- Drive the development of digital solutions for ARD/TRD
- Identify innovative solutions
- Investigate use cases and communicate technical and/or business assessment
- Identify and access/collect data and computational resources
- Lead/implement/support the development and evaluation of algorithms and predictions
- Communicate clearly with stakeholders to converge on needs and expectations
- Relevant impact of deployed tools: user adoption, feedback, sponsorship, time savings
- Support ongoing advanced-analytics/digitalization TRD projects
- Integrate activities with the NVS data science ecosystem and gain visibility

Minimum Requirements:

·   Advanced degree in computer science or relevant discipline (Ph.D.); Masters or Bachelors/equivalent with experience

·   3+ years Machine Learning and large data analysis.

·   Hands-on experience with data mining, text mining, its concepts, techniques and implementation.

·   Practical experience in data discovery with large and complex data assets from varied information sources.

· Experience in statistical/analytics tools such as R, Matlab/Octave, or Python & big data technologies for machine learning based problems.

· Proficiency using SQL.

· Knowledge about the Drug Development process, experience with business functions in the areas of pharmaceutical formulation and process development.

· Exposure to GenAI related projects is an added advantage

· Project management, organization and planning skills.

· Demonstrated problem-solving and idea generation skills.

· Excellent communication and interpersonal skills. Ability to work in interdisciplinary teams.

· Excellent presentation skills.

· Knowledge of Security and Compliance policies and procedures

Role Requirements

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

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Division
Development
Business Unit
Innovative Medicines
Location
India
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
Data and Digital
Job Type
Full time
Employment Type
Regular
Shift Work
No

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