

Data Scientist " >

Job ID

326255BR

Aug 31, 2021

Japan

Job Description

With over 200 clinical trial programs worldwide, over 70 of which are in Oncology, Novartis continues to be at the forefront of driving innovation.

The Data Scientist for our Oncology Business Unit (OBU), will be responsible for using machine learning techniques and statistical modelling to deliver actionable, data-driven insights to help business franchise better understand HCPs and how to market to them. In addition, combine unrivalled external and internal data sets to solve problems across sectors such as marketing, sales, and other related departments in Japan OBU

Your key responsibilities:

Your responsibilities include, but are not limited to:

- Considering business issues against the current processes and assisting in the development and / or implementation of solutions utilizing analysis techniques
- Propose data science problem solving approaches and co-create approaches to meet stakeholder needs
- Analyze, cleanse and visualize data to identify trends and make decisions
- Formally documenting functions and processes using PowerPoint
- Meeting with stakeholders to understand and review business objectives and project requirements
- Understand the different perspectives of multiple stakeholders whilst being comfortable to challenge where appropriate

Minimum Requirements

What you'll bring to the role:

Essential:

- Academic background in a relevant quantitative field, e.g. statistics, engineering, computer science, with an advanced degree (MSc) in one of these disciplines preferred.
- Fluent in Japanese and at least business level proficiency in English
- Experience providing advanced analytics as a Data Scientist in pharmaceutical industry, marketing or other front office context
- Strong technical expertise in data science, statistical modelling and/or machine learning
- Fluency with Python machine learning and / or R and data science packages (Pandas, Numpy, Scikit-learn, Tensorflow, etc.)
- Professional record demonstrating business impact; domain experience in areas such as pharmaceutical industry, customer analytics, CRM, and digital marketing will be beneficial.
- Excellent documentation, communication and presentation skills, including the ability to explain and present the findings of technical work to non-expert audiences
- Excellent communication and stakeholder management skills and ability to integrate well into a team and

build effective relationships

Why Novartis?

769 million lives were touched by Novartis medicines in 2020, and while we're proud of this, we know there is so much more we could do to help improve and extend people's lives.

We believe new insights, perspectives and ground-breaking solutions can be found at the intersection of medical science and digital innovation. That a diverse, equitable and inclusive environment inspires new ways of working.

We believe our potential can thrive and grow in an unbossed culture underpinned by integrity, curiosity and flexibility. And we can reinvent what's possible, when we collaborate with courage to aggressively and ambitiously tackle the world's toughest medical challenges. Because the greatest risk in life, is the risk of never trying!

Imagine what you could do here at Novartis!

Commitment to Diversity & Inclusion:

Novartis is committed to building an outstanding, inclusive work environment and diverse team's representative of the patients and communities we serve.

Join our Novartis Network:

If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here:

<https://talentnetwork.novartis.com/network>

Division

ONCOLOGY

Business Unit

ONCOLOGY BU

Location

Japan

Site

Tokyo

Company / Legal Entity

Novartis Pharma K.K.

Functional Area

Marketing

Job Type

Full Time

Employment Type

Regular

Shift Work

No

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