Data Science

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Looking for a life-changing and rewarding career within Data Science? Then look no further and join our 2-year Graduate Programme!

The Data Science Graduate Programme has been designed to develop the next generation of Data Scientists and gives you the opportunity to be part of the transformation of the pharmaceutical industry. The technological transformation of the industry is already underway, helping to ensure that millions of patients worldwide get the full benefits of life-changing medicines. Take your understanding of Data Science to the next level and help shape the future at Novo Nordisk.

What's it about?

The Data Science Graduate Programme offers rotational opportunities with a total of 3 challenging and exciting 8-month rotations within a global pharmaceutical company. When you join the programme, you will gain broad experience and invaluable skills within Data Science and Data Engineering, thereby ensuring that Novo Nordisk can better develop and deliver life-changing medicines to our patients in a sustainable way, for both the company and our society.

You will have your first rotation in our headquarters in Denmark followed by an international rotation in one of our global offices or productions sites. In your third and last rotation you will be back in Denmark in a new department.

You will work with many different stakeholders in an international network of world-class colleagues, while establishing yourself as one of tomorrow's key people in Data Science at Novo Nordisk. You will work with technologies such as Deep Learning, Artificial Intelligence and Vision Technology. For this we need the brightest and most innovative minds!

The Position

During the 2-year programme you will get the opportunity to expand your international network, while experiencing how digital transformations take place with some of the most data-savvy people working in the forefront of Data Science. You will have an essential impact on where you would like to focus during your 3 rotations, as well as be mentored by experienced colleagues who will continuously challenge and guide your development throughout the programme.

You will take part in different use cases, which will have different components in front-end, back-end, development, and applications of advanced analytics. As a unique feature, you will have the possibility to investigate different elements in the pharmaceutical value chain. You will learn that you can apply your skills in different settings, ranging from development of new medicines in R&D, to delivering high quality medicines from complex production units.

Working at Novo Nordisk

At Novo Nordisk, we don't wait for change. We drive it. We're a dynamic company in an even more dynamic industry, and we know that what got us to where we are today is not necessarily what will make us successful in the future. We embrace the spirit of experimentation, striving for excellence without fixating on perfection. We never shy away from opportunities to develop, we seize them. From research and development, through to manufacturing, marketing, and sales – we're all working to move the needle on patient care.

Qualifications

To apply to the Data Science Graduate Programme, you must have:

• A recent Master's degree (from 2021 or 2022) in either Data Science, Data Science Engineering, Information Robotics, Computational Biology, Bioinformatics or Mathematics/Statistic/Physics, or similar, within Life Science or Manufacturing/Supply Chain, combined with a strong analytical and programming skills – and above average academic achievements.

• International experience, for example from studying a full semester abroad, working or volunteering*

• Relevant work experience or extracurricular activities obtained next to your studies

• Excellent interpersonal skills and a professional and personal impact that is reflected in your desire to take the initiative and responsibility for your projects

• Fluency in spoken and written English

• Globally mobile (also beyond the Graduate Programme)

*if Covid-19 restrictions have prevented you from obtaining (additional) international experience, e.g. studying or completing an internship abroad, feel free to still apply and explain what your plans were, how they changed and what relevant experience you have gained instead.

If you meet the criteria and are interested in joining the programme, we look forward to seeing your application no later than 5 January 2022 GMT+1.

Be sure to read below about the application process.

Important before you apply!

Before you click the "apply now" button, please ensure that you have prepared your CV, latest transcript and motivational letter.

In the motivational letter, we would like to learn more about your motivation: Why do you want to join the pharmaceutical industry, Novo Nordisk, and the Graduate Programme? About your expectations: What are your expectations to the Graduate Programme, and how will the programme support your career aspirations? and lastly, we want to learn more about your fit: Which personal and professional competences makes you a great fit with the Graduate Programme?

Lastly, you will be asked to record a 1-minute video sharing what you find most exciting about joining the Data Science Graduate Programme.

Please note that the application and video should be in English.

Contact

Click here to see all our other graduate programmes and learn more about the application process. On this site you can also chat with some of our current graduates Thursdays until 16 December 2021 and on 3, 4 and 5 January 2022.

For questions about the Data Science Programme, please contact Vince Martin, VNJM@novonordisk.com.