

# Data Scientist

## Description

## Company Description

Vattenfall is a European energy company with approximately 21 000 employees. For more than 100 years we have electrified industries, supplied energy to people's homes and modernized our way of living through innovation and cooperation. We now want to make fossil-free living possible within one generation. To be able to reach this ambitious goal we are looking for talented individuals who, in addition to their passion for their own role, also have strong team spirit and want to contribute to supporting a meaningful corporate mission.

## Job Description

**Do you want to contribute to the energy transition and a sustainable world? And does developing data driven Business solutions give you energy? Then join our Data & Analytics team as a Data Scientist!**

## Your position

As a **Data Scientist** you will develop data science solutions with a strong impact on Vattenfall Business to Consumer (BtC) ambitions regarding both purpose and profitability. This is also reflected in our Data Strategy mission "A sustainable step ahead through data"!

The Data & Analytics team is responsible for the development of data driven solutions for marketing & sales, customer journeys, service and digitization, proposition development and sustainability advice to our customers.

Solving complex business challenges using data and machine learning will be the core of your work. From the first idea, thinking of possible solutions and methods. Through the actual model development using a diverse amount of data sources on our Vattenfall Analytics Platform. To implementing a data science solution so it can be used in either our channels or internal systems.

Throughout the data science workflow you remain in close collaboration with our internal stakeholders to make sure your solutions match their needs.

So as a data scientist you will...

- Develop data science solutions from idea to implementation
- Contribute to complex business challenges in one of the 3 business domains
- Develop yourself and your co Data Scientists through the Data Science Authority

## Where will you work?

The Vattenfall BTC Data & Analytics department develops data driven solutions for our customers and customer processes. We do this by creating and implementing machine learning models, strategic analysis, reporting and a self-service data

## Hiring organization

Candidate-1st

## Employment Type

Full-time

## Beginning of employment

asap

## Job Location

Amsterdam, Netherlands

## Working Hours

40

## Base Salary

euro EUR 45K - 63K

## Date posted

June 8, 2024

model.

The department is spread out in 3 business domain teams; where data experts and business experts collaborate closely to realize valuable data solutions. Each Data & Analytics domain team consists of an Analytics Translator, Analytics engineers and Data Scientists, and is supported by Data- & ML Engineers from IT.

You will be part of the domain focusing on our extensive energy usage data: we have over two million clients, and can read in smart meter data at 15 minutes intervals. This data offers a wealth of personalized information, from how someone is heating their home to how many solar panels they're likely to have. You will make models that derive insights from this data through various methods, from decision trees to the geometric calculation of rooftop inclinations. You will help maintain API's that allow these insights to be used throughout the organization, including in our Energy App's personalization, for which we have won the DDMA Data Challenger Award 2022.

We value joint development of ways of working and best practices. This is facilitated through our Data Science Authority and Data Foundation Authority.

## **Location**

Amsterdam

## **Qualifications**

### **Your profile**

Being a solution-orientated team player with a critical, pro-active mindset is key for the role of a Data Scientist in our team. As you collaborate closely with colleagues from other disciplines, you are able to explain in a simple way how your models work and how they contribute to solving a business problem. Also, you dare to challenge current solutions and come up with improvements. We would love to talk with you, if you recognize yourself in the following:

- You have an academic degree with a strong quantitative component (Mathematics, Physics, Econometrics, or similar);
- At least 2 years of professional experience in a data scientist role (or similar);
- You have excellent verbal and written communication skills; in English;
- Working experience in an agile environment.

Your technical skills include:

- Writing production worthy Python code, with knowledge of different programming paradigms;
- Extensive knowledge of a variety of machine learning techniques and their application in the real world;
- A solid foundation in probability theory and statistics;
- Working with large and complex data sets, with an understanding of distributed compute and query optimization;
- Experience with DevOps practices (CI/CD, code reviews, git, etc.).

## **Additional Information**

### **Our offer**

The height of your [salary](#) is based on your education and relevant work experience. The salary for this position ranges from €3800 to €5300 per month. In addition to your salary, we offer a comprehensive secondary benefits package, the most important components of which are:

- End of year bonus of 4.5% of your annual salary and a profit sharing of up to 3.5% of your annual salary based on the results of Vattenfall Netherlands;
- NS Business card for commuting or a travel allowance of €0.23 per km up to a maximum of 50 km one way;
- 20 vacation days, 3.5 vitality days, and for a 40-hour contract: 13 ADV (reduction of working hours) days;
- Choice budget, which allows you to purchase or sell extra vacation days, buy a e-bicycle, or simply receive it as addition pay;
- Education budget, because we believe it is important that you can continue to develop yourself.

At Vattenfall, there is a close team culture while also providing ample room for individual initiative.

At our company, hybrid working is the norm, meaning you will work at the office at least 50% of the time. Most of your colleagues prefer to work the remaining 50% of their time from home, but the choice is entirely yours. At Vattenfall, we highly value a good work-life balance and continuously seek ways in which we can contribute to this as an employer.

### **More Information**

We welcome your application in English, no later than, June 19th. The closing date may be moved if we receive enough applications from suitable candidates. We kindly request that you do not send applications by any means other than via our website as we cannot guarantee that we will be able to process applications that are not made via our website.

For more information about the recruitment process you are welcome to contact our recruiter Alisa Roo via mail: [alisa.roo@vattenfall.com](mailto:alisa.roo@vattenfall.com)

At Vattenfall we are convinced that diversity contributes to build a more profitable and attractive company and we strive to be good role model regarding diversity. Vattenfall works actively for all employees to have the same opportunities and rights regardless of gender, ethnicity, age, transgender identity or expression, religion or other belief, disability or sexual orientation.

The security of Vattenfall and its employees is essential. For that reason, a pre-employment screening will be part of your recruitment process. The screening is based on the role you will fulfill within Vattenfall. The screening will be performed by a third party, Validata.

**We look forward to receiving your application!**

### **How the process will look like**

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

**Job Benefits**

EUR 45K – 63K