Data Scientist

Amersfoort (near Amsterdam), The Netherlands

FrieslandCampina

FrieslandCampina is one of the largest dairy multinationals in the world, spanning 11+ billion euros in annual turnover. Our 30+ brands are sold in over 100 countries. We have factory operations in 20+ countries, with a total headcount of 20000+ employees. The international headquarter is based in Amersfoort (near Amsterdam).

For thousands of people every day, we are more than just a dairy company. To our farmers, our employees the communities we serve, the businesses we work with and the people to whom we bring happiness, FrieslandCampina means something more. For them it’s not just about what we do, but who we are. As we work in highly competitive markets we need to be agile while, at the same time, carefully balancing all of our interdependent business processes. We are unique because our suppliers, the farmers, are also our owners. Since we own the entire supply chain from grass to glass we guarantee high quality of all our products. Would you like to be part of us?

To strengthen our Client IT organization for the B2B Business Groups (Ingredients, and Cheese, Butter & Milk powder), FrieslandCampina seeks an experienced, hands-on Data Scientist. We are looking for a person that feels comfortable at the intersection among mathematics, machine learning, business and computer science. You can come from a science background or have experience in an environment driven by scientific methodology. You should also know mathematics and statistics and know how to apply this to actual problems.

You should have experience with machine learning or optimization modeling and know how to create visualizations in order to tell a story. Furthermore, since our ambition is to develop actual and not just a set of algorithms or models in plain code, you should also enjoy writing programs that run on servers and talk to databases. This position is a combined role between a Data Scientist and a Data Engineer.

When it comes to data analysis you shouldn’t expect data to be clean, organized, documented or complete. You make do with what you get and don’t make assumptions, you aren’t afraid to ask relevant questions. You also understand the strengths and weaknesses of different modelling approaches and can effectively reason about when to apply different combinations.

As a data scientist, you will be working with both our senior business executives, as well as your colleagues from Corporate IT. You key role is to gather and transform data sets (both internal and external data sets, both existing and new acquired data) into relevant and actionable insights for our decision makers.

As a data scientist, you will:

Design and scope data science projects: Work with business owners to define big picture objectives, key actionable insights needed. Translate requirements into meaningful projects, including business case.

Develop business awareness: Awareness (and outside-in application) of the latest business trends, use cases, modeling capabilities, within the FMCG industry and the FrieslandCampina organization.
Analyze data using different methods: Analyze data with different statistical methods, interpret results and provide clear summary conclusions, present data analyses to senior management, preferably in interactive dashboards, with a clear story line.

Assure our data process: Develop a deep understanding of FrieslandCampina databases and transactional systems. Collect, research and analyze data to assure integrity of project data, including data extraction, manipulation, processing, storage, archival and data analysis for appropriate usage in databases.

Develop, manage and maintain our digital assets: Work towards a production-ready version of machine learning models (or traditional ones). Testing, scaling, refactoring and security is your responsibility as well. As such, you have a good understanding of software engineering.

Share knowledge and training: Share knowledge and information of analysis techniques and data coding with other staff and train, if needed. Develop our internal community of business analysts.

Share principles and qualities: Value operating in a collaborative and cooperative environment, adhere to all principles of confidentiality, show initiative, solid judgment and resourcefulness.

Requirements

To be successful in this position, you are/have:

Bachelor’s degree in a Quantitative Field (Computer Science, Mathematics, Engineering, Economics, Business, Finance, etc.) Master’s degree is preferred.

5+ years of relevant work experience, including:

- Relevant experience with fundamental statistical analysis tools and techniques; including statistical languages (like R or Python + Pandas);
- Relevant experience with time series forecasting, optimization methods, business analytics and data mining;
- Relevant experience creating and maintaining production-ready software, starting from scratch or based on a prototype;
- Working knowledge of scripting, ETL design and SQL. Familiarity with database modeling and data warehousing principles;
- Experience with Big Data technologies like Hadoop & Spark would be a plus;
- Experience working at Pricing and/or Revenue Management would be a plus;
- Familiarity with agile principles (e.g. Scrum), facilitating workshops and prototyping;
- Excellent communication skills (verbal and written) to communicate with clients and team, prepare + deliver effective presentations;
- High level of professionalism, energy and sense of urgency to “make things happen”;
- Ability to manage multiple tasks and work towards long-term goals;
- Strong analytical and problem solving skills;
- Self-motivated and highly ambitious.

Apply