



Santorio Foundation

Internship in Data Science in Nutrition

Location: Lausanne, Switzerland

Category: Data and Algorithms

Contract: Full-time - 6 months

Employer description:

Santorio Foundation is a new Swiss non-profit supporting innovation translation in the areas of food, nutrition and health.

At Santorio we want to empower the scientific community to assess the impact of diet on different population groups or for a particular disease. We believe that providing validated tools, procedures and guidelines will facilitate the design and development of clinical trials that result in consistent, reproducible, accurate and high quality evidence.

At Santorio we also aim at being an active international player in the translation of evidence-based research, by bringing to society certified medical technologies that support the delivery of precision nutrition for preventional and interventional treatments. Our ultimate goal is to improve human lives globally

Santorio Foundation is supported by Seerave Foundation, a family foundation active in Science, Translational and Venture Philanthropy since 2015

Summary:

To support the Santorio Foundation development team, we are looking for a talented and motivated candidate to join the team.

This position will provide hands-on experience with broad exposure to international nutritional databases and the preparation of datasets for machine learning & artificial intelligence algorithms. The areas of focus will include:

- Data curation
- Data manipulation and analysis
- Creation of structured data for data mining and AI algorithms

As a data scientist in nutrition intern, you will be assigned to meaningful and challenging assignments that will be geared towards specific projects needs.

Education:

Currently pursuing or holding a Master's degree with concentration in Mathematics, Statistics, Data Science in the field of life sciences.

Responsibilities for data science intern:

- Nutritional database curation: collect, query, integrate, and transform data, including large data extraction, cleaning and harmonization across different datasets and sources.
- Database verification and validation activities following best practices and international guidelines.
- Develop technical documentation, including documentation linked to requirements, specifications, test plans and test reports, following the Santorio Foundation internal procedures.
- Contribute to the collaborative working environment, participating in brainstorming sessions and maintaining a stimulating work environment.

Skills & Requirements:

- Hands-on experience in database query languages like SQL with solid understanding of the Extract, Transform and Load (ETL) process.
- Experience in statistical programming, such as R or Python.
- Familiarity with Ruby is a plus.
- Knowledge in nutritional sciences is highly desirable.
- Highly motivated and able to work in a collaborative environment with a high level of accuracy and attention to details.
- Able to work independently. High level of self organization is required.
- Full working proficiency in English. Working proficiency in French is a plus.

Conditions of employment:

Proof of Eligibility to work in Switzerland (Swiss work permit or Swiss/European citizenship)

Contact information:

If you believe your profile fits this position, please send us your CV and cover letter to marta.balana@santorio.org.

Please, note that incomplete applications and applications via placement agencies will not be considered.