Food Science_Data Analyst Internship
(NFIFE0605)

ESPA

THIS IS A FUNDED, ON-SITE INTERNSHIP INCLUDING UK VISA FEES!

Application Deadline
2 June 2025

Start date
Summer 2025

Duration
6-12 months

Location
Sheffield, England

Benefits

- UK VISA costs reimbursed and application support provided.
- A private room in a professional shared house, paid for, including wifi and utilities costs.
- Monthly payment to cover commuting tickets and living expenses of at least €500

Role description

The host is looking for a Food Scientist who has a keen interest in Data Engineering / AI & Innovation Engineering and who is passionate about data analysis and product development optimisation in the agri-food sector. You will play a key role in experimental exploration, modelling, and process automation to accelerate innovation and improve the accessibility of analyses. This position is ideal for an individual looking to gain hands-on experience in the field of food technology and product development, with a particular focus on alternative meat and dairy products. The successful candidate will with the consultancy team to apply food science principles and statistical modelling in food processing and product development.

Tasks

- Develop and enhance the experimental database by conducting design of experiments (DoE)
- Structure and organise data to improve its usability
- Use artificial intelligence to optimise product development and accelerate R&D
- Ensure a good understanding and use of analytical tools and industrial processes
- Automate repetitive tasks via Python scripts and Google Sheets
- Develop a service using the CRISP-DM methodology for other companies

Desired Skills

- Good spoken and written English levels are required (B2 onwards)
- Proficiency in analytical tools e.g Python, R, JMP Pro
- Strong knowledge of statistics and modelling: multivariate analysis, machine learning, DoE
- Experience with data management and structuring tools e.g KNIME, SQL, Google Sheets
- Understanding of analytical and experimental tools used in the agri-food industry
- Ability to develop and integrate AI tools for analysis and research
- Workflow automation using Python, API, Google Apps Script, KNIME
- High level of autonomy and effective project management.
- Strong writing and pedagogical skills to make analyses accessible.
- Knowledge of the agri-food sector, including functional ingredients, a plus.

The Host Company

This host is an experienced consultancy group working within the interface between the food industry and the innovation community and have experience in providing internship opportunities for over 20 years, supporting over 150 projects. The global vegan cheese market is expected to reach USD 2.66 billion by 2027, according to a new report by Grand View Research, Inc., expanding at a CAGR of 12.8% from 2020 to 2027. Increased acceptance of veganism and "Flexitarians" among millennial consumers has been fuelling this demand. They are at the forefront of research and are looking for motivated students to join the team!