

JOB DESCRIPTION	TITLE	REPORTS TO	MEMBER OF
	Animal Behavior and Welfare Expert	Head of Smart Farming	



PURPOSE OF THE JOB

Being the expert in livestock animal behavior and welfare in our Smart Farming Research team at HQ. Have a deep understanding of cattle farming processes (dairy and beef). Showing strong knowhow on cattle behavior, breeding & reproduction, nutrition, health and welfare and will be working on the definition of key animal indicators and required data to develop models and algorithms to generate actionable insights.

Key Responsibilities

- Identify key animal performance indicators that are important in the farming production process (primarily for dairy and beef production but could also be extended to other species, like swine) and define best solution(s) to monitor them to get valuable data and create animal models.
- Define field test protocols and organize on farm trials to collect data using Datamars devices and standard reference (such as animal activity, weight, genetics, medical treatments, etc.).
- Work in close collaboration with the Data Scientists and Software development team to implementation the data models and algorithms on the Datamars Livestock platform.
- Support the development team on the testing and validation of models and algorithms against observation of animal.
- Assure the quality and the relevant statistics of data collected and analyze the results with a scientific approach to be able to implement model which are accurate and reliable.

Person Specification

Experience and Qualifications:

- B.Sc. or M.Sc. Degree in Animal Science, Agronomy, or equivalent.
- Minimum 5 years of proven working experience in a similar position
- Relevant industry - (dairy or beef farming and/or knowledge on livestock sector is considered a plus)
- Good knowledge of existing animal monitoring solutions and sensor devices available on the market
- Knowledge of “golden standard” indicators for animal performance evaluation
- Experience in defining test protocols for field trials to collect valuable and reliable data with statistical significance
- Ability to formulate test hypothesis according to literature and scientific papers
- Knowledge of algorithm development and/or machine learning is a plus

Personal Attributes:

- Strong Project Management skills
- Willingness to be accountable and take ownership
- Self-motivated, proactive and goal oriented
- Change management – energized by a change challenge, having the tenacity and perseverance to drive change through
- Ability to complete work in a timely, accurate, and thorough manner while being conscientious to assignments
- Effective verbal and written communication skills and fluent in English
- Willingness to travel on a regular basis

To explore this opportunity in greater detail, please get in touch with Miranda Boon, Global HR Director, miranda.boon@datamars.com