Background:
Animals in agriculture may be tracked with a sensor generating a big data set, including a continuous flow of accelerometer data and position (x,y). There are many possibilities to improve animal welfare as disorders can be detected early analyzing trends and exceptions in the data set.

Your main task will be:
Use the data set to accurately deduce when certain animal events occur (one or more of the following) using real-time data.

- Cow rumination
- Animal lameness
- Animal lying down or getting up
- Animal is eating or drinking

Your qualifications
- Mathematical, statistical or data science
- Specialized in machine learning, pattern recognition, numerical analysis or applied mathematics

We offer you
- To do your thesis project in a professional international environment
- To work in an innovative department
- Economic compensation according to DeLaval standard
- The position is located at DeLaval headquarters in Tumba, in the southern Stockholm

Number of students
1-2

Start date
September 2018

Interested?
Please apply with no later than July 31, please include your CV, personal letter and school-leaving certificate in your application.

Contact:
Technical: Anders Umegård (0709-479595) anders@umegard@delaval.com
HR: Contact person Nils Stattin (0708-912571)