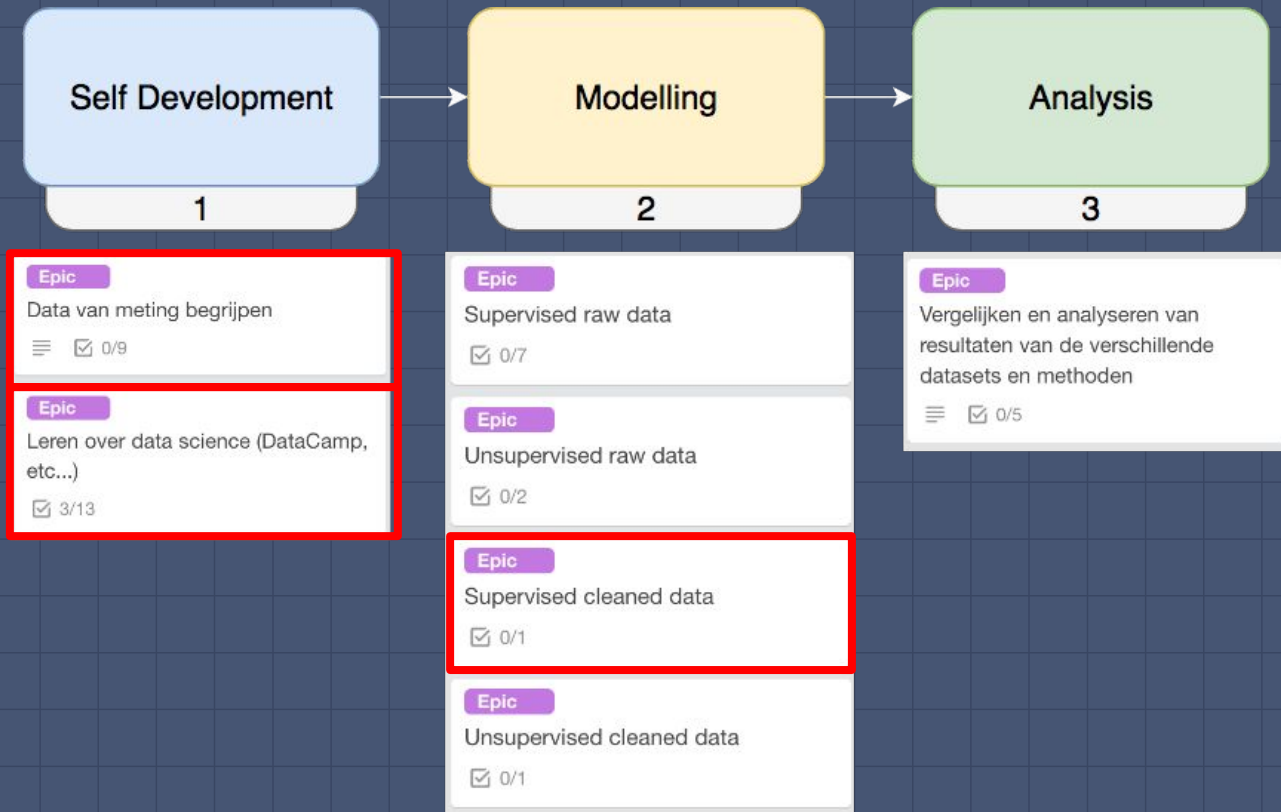# Ortho Eyes

Tony Andrioli

- Kasper van der Hoofd
- Vincent van den Oord
- Rogier Zitman
- Luke de Keizer

Approach

Sprint planning

Sprint goal: <u>The creation of a classifier</u>
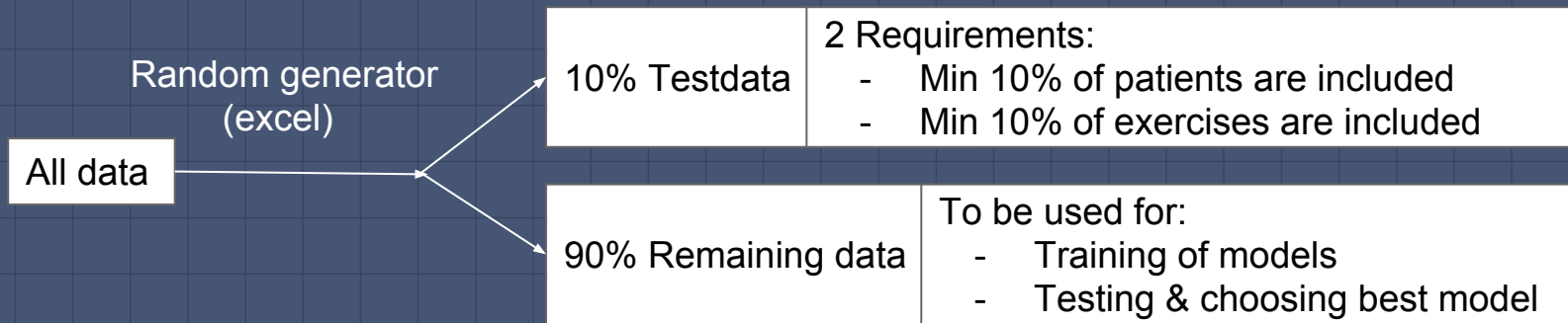
The two components:

1. Preparing data
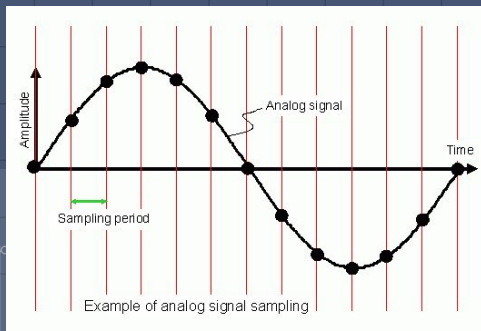2. Building the classifier

- DataCamp & Coursera

1. Preparing data

1. Setting test-data aside (10% - 90%)

Random generator
(excel)

All data

10% Testdata	2 Requirements: - Min 10% of patients are included - Min 10% of exercises are included

90% Remaining data	To be used for: - Training of models - Testing & choosing best model

2. Dealing with changing amount of 'frames' in each measurement (time series)

Example of analog signal sampling

Our approach:
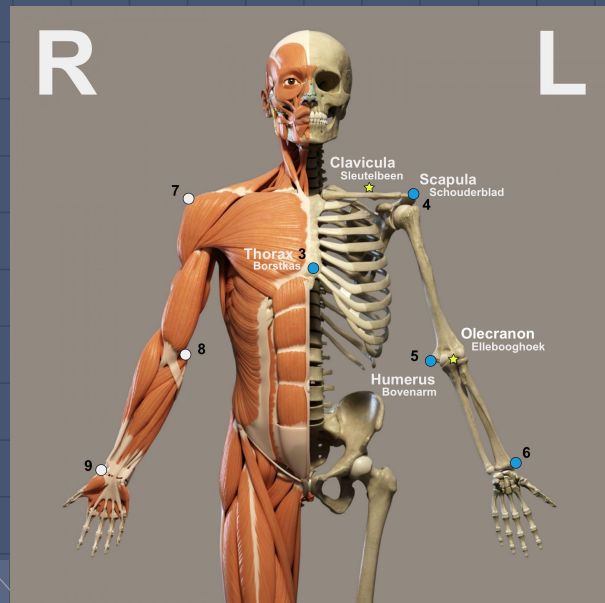   Splitting the time series up in single samples
Result:
    Csv 32 x 173621

2. Building the classifier (next week)

Sprint goal: <u>The creation of a classifier</u>

1. Building a simple (but scaleable) classifier
   - Simple to validate the code
2. Adding more parameters to classifier (if possible)

- Finishing DataCamp

Any questions or suggestions?