PROGRESS WEEK 3

ACTIVEPAL

WHAT DID WE DO LAST WEEK?

1. Datacamp
2. Desk research
3. Data analysis
4. Team bonding activity

ACTIVEPAL PROJECT

- Our data set exist of
  - 41 participants
  - Accelerometer data over the period of a week
  - Diary of their activity
- 2 research questions
  - How do we recognize the intensity of movement?
  - Can we use this knowledge to determine if people did their 150 minutes of moderate activity in the week data?

Measuring physical activity

DATA COLLECTION
DATA PROCESSING
CALIBRATION
PHYSICAL ACTIVITY PATTERN

ACTIVEPAL DATA

Springen Activiteiten Plot

- Created scripts
  - Compressing data
  - Applying activity labels on the accelerometer dataset
  - Visualizing data set in plots
  - Converting XYZ to the magnitude of acceleration
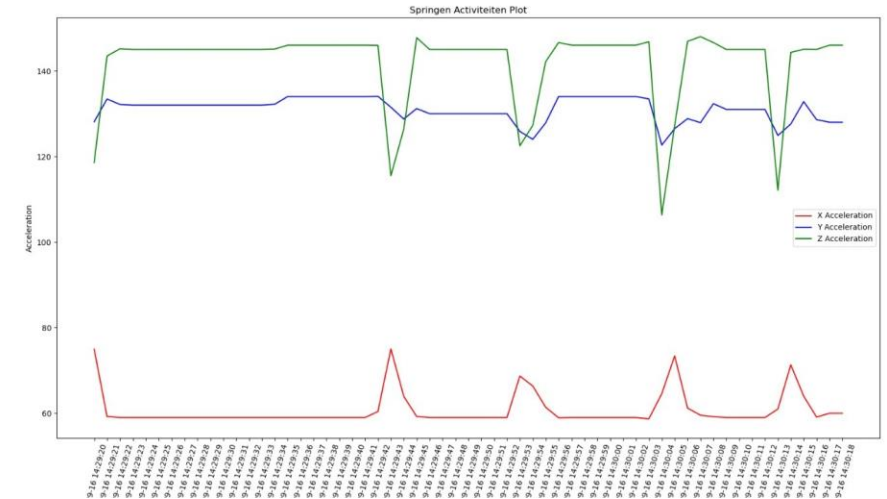
WHAT ARE OUR PLANS FOR THIS SPRINT

- Split up into 2 sub teams
    - Each sub-team focus on a sub-research question of the first research question
    - Sub-team members changes every sprint
    - Why?
        - More focus
        - Getting more done
        - More working together
        - Everybody works on every topic
- Contacting CBS to get more information on the ActivePal accelerometer
- More desk research
- Dive deeper in the data

THANK YOU

QUESTIONS?