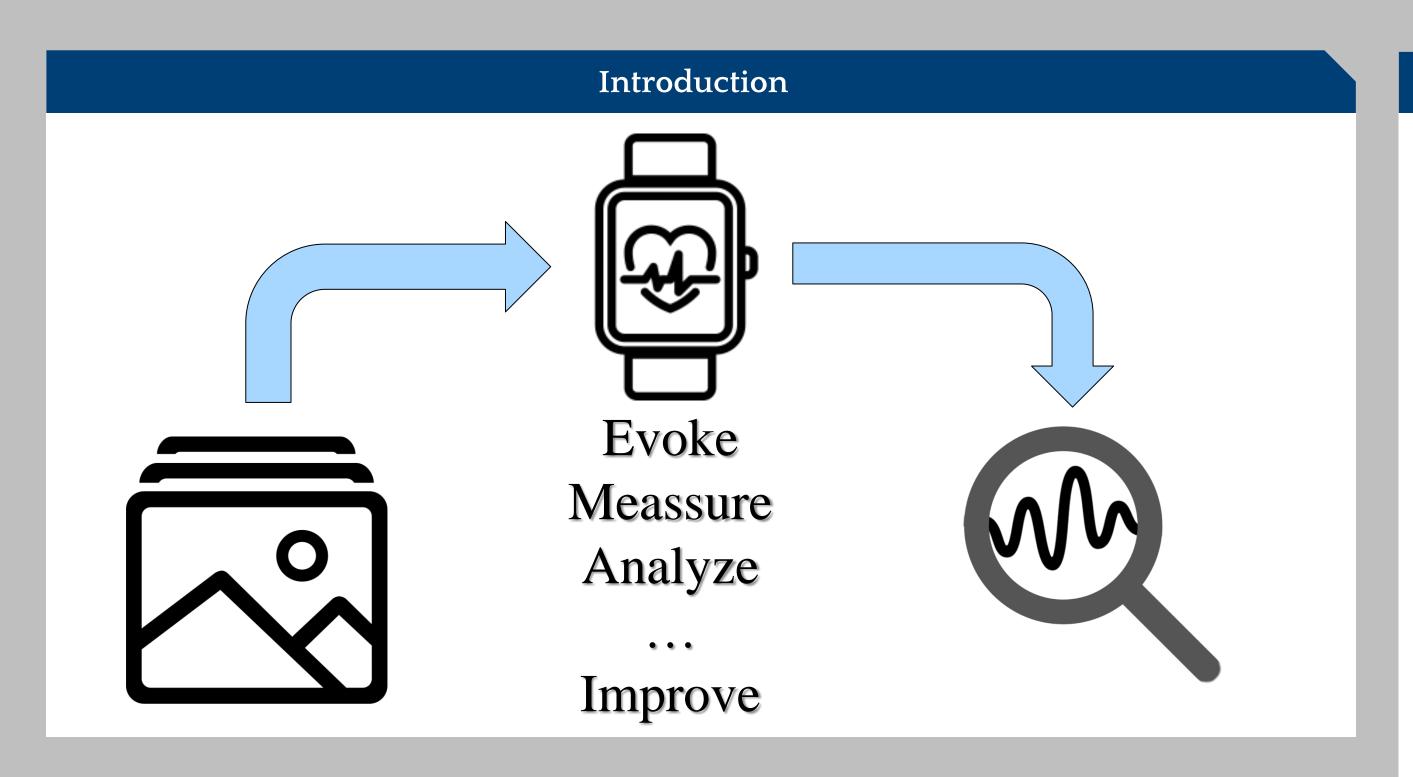
# Physiological Data to Analyze and Improve the User Experience

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#### Experiment

**Participants:** 9 men, 7 women ( $\mu$  = 25,  $\sigma$  = 7.6)

Metrics: heart rate, heart rate variability, electrodermal aktivity (EDA)

**Emotions:** bored, positive, happy, fear, confusion, disgust

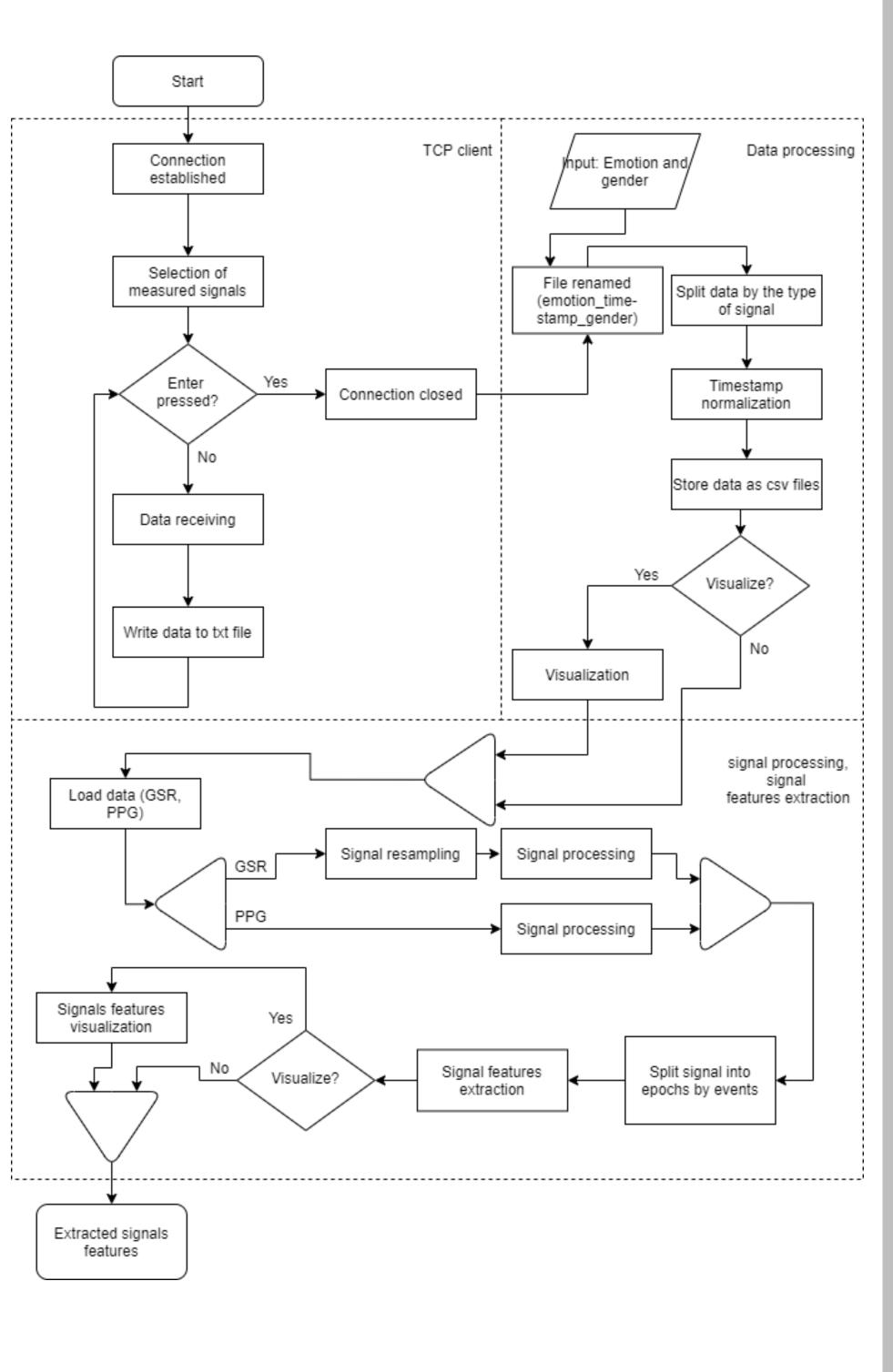
**Stimuli:** 6 presentations, images, videos, sounds

**Measurement:** 





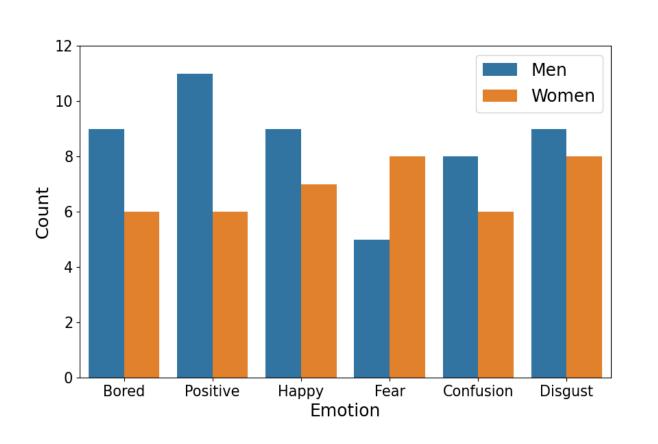
Measuring device:
Empatica E4



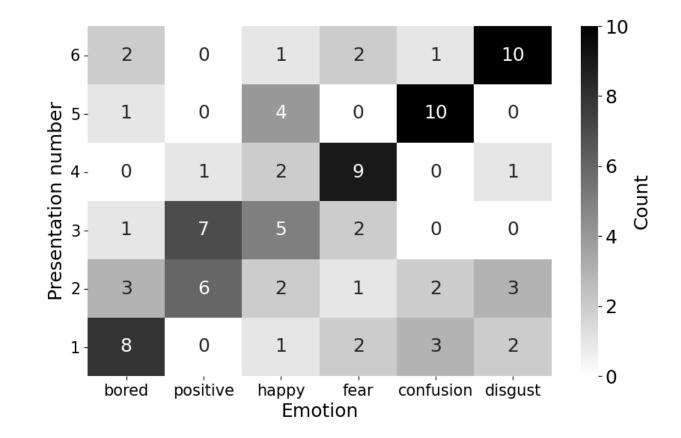
Data processing

#### Results

### Number of samples for each emotion



## Frequency of emotions for individual stimuli



### Average values of the main signal components

