

# Your usecases

- You shall take 5 min (in small groups of 2-5) to present a text-mining project that is relevant to your work
- We will then briefly discuss together potential strategies and solutions
- The presentation strictly follows the following 5 simple sentences (max 600 characters):
  - We are [WHO IS YOUR TEAM?, WHAT COMPETENCES?]
  - Our goal is [WHAT IS YOUR GOAL?]
  - So far, we [DESCRIBE CURRENT SOLUTION]
  - But it does not work because [WHY IS CURRENT SOL. INSUFFICIENT?]
  - Now, we would like to [DESCRIBE YOUR IDEA TO MAKE IT WORK]

# Your usecases: Example

- We are a team of 2 PhDs (1 neuroscientist, 1 NLP expert) and 2 CS Masters students
- Our goal is to extract brain region connectivity from scientific publications
- So far, we use hand-crafted PubMed searches and manually filter the relevant publication
- But it does not work because it takes us too much time & we believe we miss relevant connections coming from full text
- Now, we would like to create an NLP workflow that 1) finds brain regions and 2)