

# Text Analysis 1

Dani Madrid-Morales

22-November-2023

**10:00am - 10:10am** : Setting up, R reminder, housekeeping & learning objectives

**10:10am - 10:40am** : Overview of computational text analysis & bag of words (BoW) approach.

**10:40am - 10:55am** : `quanteda` demo #1

- Installing packages
- Loading data to `quanteda` using `readtext`
- Creating a corpus on `quanteda`
- Corpus level metadata (or docvars)

**10:55am - 11:00am** : Break

**11:00am - 11:15am** : Common steps in text pre-processing

**11:15am - 11:30am** : `quanteda` demo #2

- Creating a tokens object in `quanteda`
- Adjusting pre-processing options in `quanteda`
- Generating a DFM (document feature matrix)

**11:30am - 11:50am** : dictionary methods demo

- Applying a dictionary using `quanteda`
- Visualizing the results of a dictionary analysis
- Using newly create data to answer RQs

**11:50am - 11:55am** : Recap and what's next?