

## Assignment 12

Complete the following steps:

1. Download the student evaluation dataset from the website.

Hint: You can find this xls file in the repo as well:

```
ev<-read_xlsx("turkiyestudentevaluation_generic.xlsx")
```

2. Select a set of 10 related variables that you think might serve as the basis for clustering.

View the dataframe and identify 10 variables you would like to use for analysis.

Hint: See syntax in Will's example on how to select variables, if you forgot ... (or see examples from weeks 1 – 3.)

3. Run the clustering algorithm `kmeanspp` to identify 3 clusters.

Hint: use `kmeanspp` ... ☺

4. Summarize the clusters using the variables you selected.

Analyze your findings ... this will be subjective and up to interpretation. Do you notice any patterns relevant in your clusters??

5. Bonus Question: Try running a HAC algorithm on the data and compare to the results found in #4.

