

# **CASE STUDY 015**

## **[Machine Learning: R]**

### **Country clustering**



**Here are some clues in case you are stuck with the case study:**

1. If you haven't used spread from the tidyr package before make sure to search for help on forums
2. To normalize a variable to have mean 0 and variance 1, subtract the mean and divide by the standard deviation
3. For question 8 you can use multiple packages or base R. During the answers, we will use dplyr which is one of the most popular packages for this type of problem