




## Exercise 7 – Display categorical data

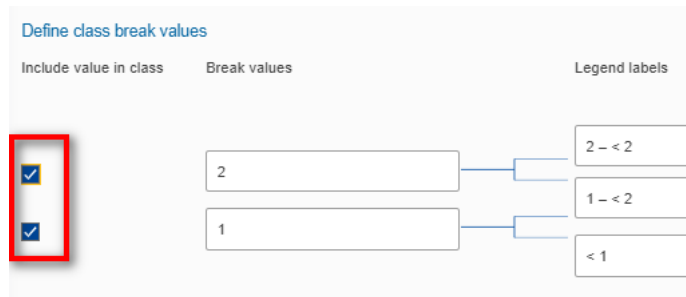
Input Data:     Exercise7\input\Exercise7\_data.xlsx  
                  Exercise7\input\Exercise7\_text.txt

Expected Outcome: This exercise will show how to use the categorical map type. These maps are used when the values correspond to individual categories e.g. most common crop type, favourite drink, political status


Tasks:

- 1) Start Image at <https://gisco-services.ec.europa.eu/image> in your Browser. (If in IMAGE already, refresh using F5)
- 2) Open the file Exercise7\_data.xlsx and view Sheet1 in Excel. Each region has a code, 1 (Urban) 2 (Intermediate) or 3 (rural)
- 3) Go to Add Data  and load the Exercise7\_data.xlsx file.
- 4) Choose the NUTS 2021 A4 EU CC EFTA & UK template.
- 5) Select  and choose Categorical

- 6) Go to Edit Class Breaks , there is only one option available, there are three distinct categories, so select 3 as the number of class breaks. Check the box to the left of the break values



The dialog box 'Define class break values' has three columns: 'Include value in class', 'Break values', and 'Legend labels'. In the 'Include value in class' column, there are two checkboxes, both of which are checked and highlighted with a red box. The 'Break values' column has two input fields with the values '2' and '1'. The 'Legend labels' column has three text boxes containing '2 - < 2', '1 - < 2', and '< 1'.

- 7) Now, amend the legend labels, the top value shows is for all regions with a value greater than 2 i.e. values of 3 in this case, label this as rural, the middle box Intermediate, and the bottom box is Urban. Uncheck the box "Display no data legend item" – all the regions have data in this case
- 8) Select a colour scheme which look best
- 9)  Copy the texts from the Exercise7\_text.txt file into the respective fields in the text dialogue.
- 10) Save (download) all the different formats in the Output folder under Exercise7/output.

Urban-Rural typology (NUTS 2021)

