afrimapr intro to spatial data in R

A. Outline of this tutorial

This is an entry level introduction to spatial data in R using examples from Africa. It is aimed at those with a little knowledge of R.

Outline of afrilearnr

This tutorial is part of the afrilearnr (https://github.com/afrimapr/afrilearnr) package containing tutorials to teach spatial in R with African data. It is part of the afrimapr (https://afrimapr.github.io/afrimapr.website/) project.

How this tutorial relates to others in afrilearnr

tutorial name	outline	recommended order
intro-to-spatial-r	an introduction to spatial data in R	1 this one
get-my-data-in	getting your own spatial data into R	2
join-admin	dealing with data referenced by names rather than coordinates	3
afrilearnr-crash-course	gallery of plots & code with minimal explanation	4

How to use this tutorial

Click 'Next Topic' to move between sections, or selection section headings on the left. If you want to return the tutorial to its original state you can press 'Start Over' on the lower left.

Through the magic of learnr (https://rstudio.github.io/learnr/) you can modify the R code in the boxes below and press run to see results.

afrimapr intro to spatial data in R

If you are accessing this from shinyapps, another option is to install afrilearnr from github (https://github.com/afrimapr/afrilearnr) and run these tutorials locally.

A third option is to create a pdf of the tutorial that you can save and run through by copying the code into an R console.   save tutorial to pdf

Next Topic

afrimapr intro to spatial data in R

Start Over