Topic

Coronavirus (COVID-19) Global Spread

Data

Corono virus # cases from John Hopkins:
https://www.kaggle.com/sudalairajkumar/novel-corona-virus-2019-dataset/data#2019_nCoV_data.csv

Countries shapefile :
https://www.arcgis.com/home/item.html?id=2ca75003ef9d477fb22db19832c9554f

I need to join the cases table to a country shapefile so that I can give it geospatial data.

Analysis

My analysis is to find density of cases per country and how coronavirus is spreading over time on a global scale.

Output

My output is a time series of the spread of coronavirus by showing a map of density of cases per country for every two weeks. I will probably create a heatmap or some other version of density mapping.

For example:

Map 1:
2 weeks after patient 0
Map 2:
2 weeks later, density of cases per country
etc