Coursera Capstone

IBM Data Science Capstone

Analysis of neighborhoods where it is convenient to build houses or buildings

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Introduction:

In Argentina, many construction companies for houses and buildings, are in the problem of finding where is the best neighborhood to build a house or a building.
My idea is to be able to determine within Buenos Aires in which area should be built, given this response due to the proximity to places of interest, such as bars, shopping malls, shops, etc.
On the other hand, I would like to grab a specific neighborhood of Buenos Aires and be able to find a similar one so that, in this way, I can answer the question "If someone is currently building in a neighborhood and wants to start in a similar one, where could they go?"

Finally, I would like to make a more specific analysis, that is, to choose a neighborhood in Buenos Aires, and within that neighborhood to be able to know in which parts it would be convenient for me to build. A neighborhood is a very small place, so I will try to do a latitude and length management to analyze

How use data:

First I will use a dataset of the neighborhoods of Buenos Aires, to be able to use the Foursquare api to obtain information about the shops and places of interest of each one. This way I could answer some of my answers.
Then, to do my area-specific analysis, I should be able to find (with Foursquare) the points of interest within a radius close (or very close) to random points within the same neighborhood.
Clarification: I plan to choose randoms points because I consider it difficult to find any other smaller division within a neighborhood.

Data:

To solve this problem we want three two of data:

Neighborhoods: https://datos.gob.ar/dataset/jgm-servicio-normalizacion-datos-geograficos

Foursquare: https://es.foursquare.com/