Riyadh gyms

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Problem description:

In this project we will analyse Fitness time branches in Saudi Arabia.
We are trying to solve some problems ,The main problem that we are trying to solve are the distribution of branches
The secondary problem is number of ladies branches.

Analysis and functions

We Took the data and we analysis the data with two functions :
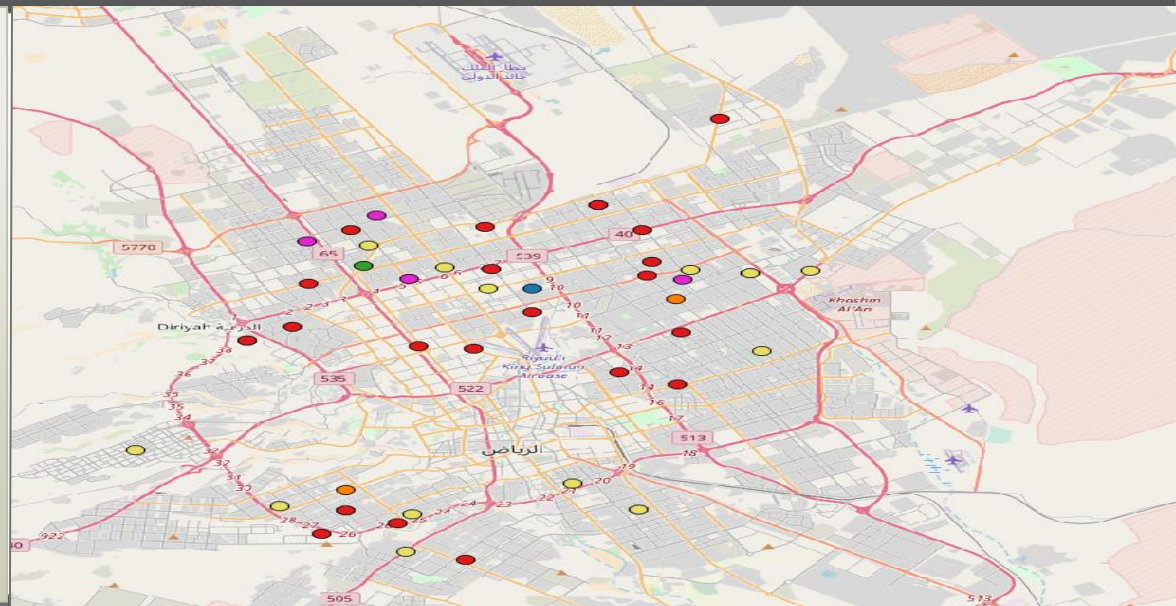 heatmap and buffer.

Data description:

We Took the data From fitness time, No validation done on the data,
the CRS of the data(WGS84),
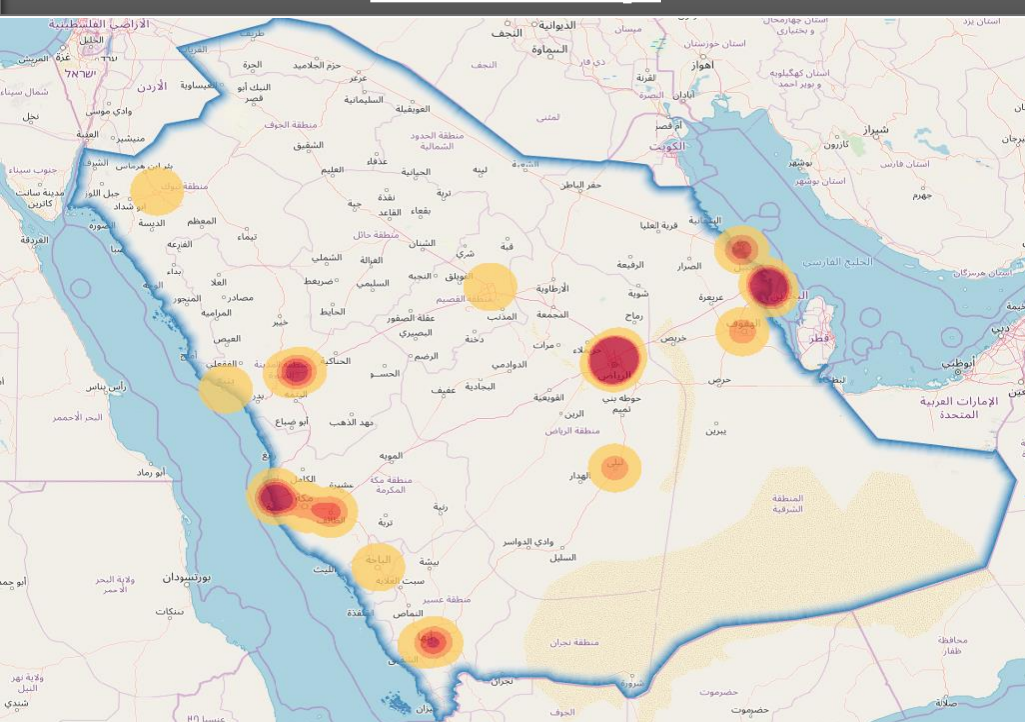WE didn't need any tool or application to collect the data),

Result

This picture shows the points on the map. The different colors on the points represent the gym type witch is:
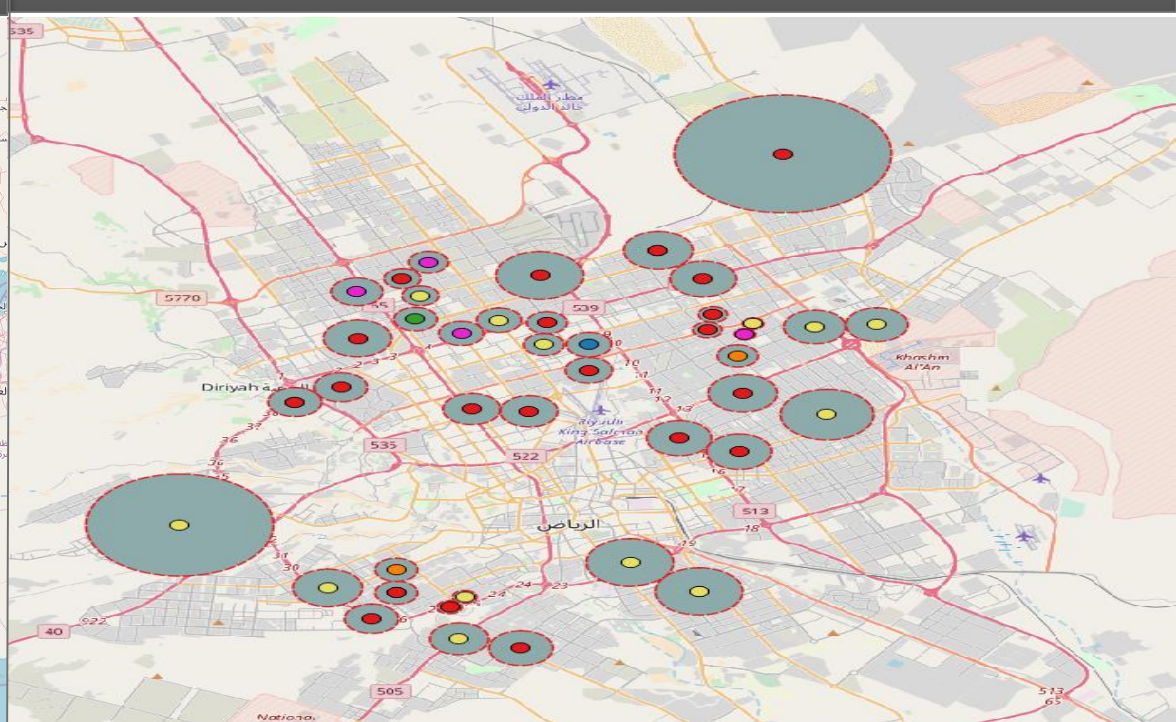
Yellow=pro   Red=normal.
dark green=plus.   orange=ladies
Pink=ladies.   Blue=junior.
          Light green=academy

Heatmap

Buffer

Conclusions:

After finishing the project we found they were focused on
some areas and left some areas same things for the cites for
example they focused in Riyadh and Jeddah but in the other hand they left Rafah and Zulfi ..
In overview there is no enough ladies gym in the whole
country