



OPENING A NEW HOSPITAL IN ONE OF THESE TWO AFRICAN ECONOMIC CITIES (ABIDJAN AND COTONOU)

CAPSTONE PROJECT - THE BATTLE OF NEIGHBORHOODS





- Introduction/Business Understanding
- Towns' Informations
- Data clining
- Hospitals and clinings
- Gategeries
- Clusters
- Results
- Conclusion

PLAN

■ Introduction

CREATING AN HOSPITAL IN ABIDJAN OR COTONOU

- In this covid period more hospital is good for people and investors
- Know where an hospital or clinic is need is good for the investors
- Know where is the hospitals in this cities will help people

Credit photo : (<https://kayamaga.com/les-grands-hopitaux-en-afrique/>)





TOWNS' INFORMATIONS

POPULATION

SUPERFICIES

ABIDJAN

4 395 243 (2014)

2,119 km²

COTONOU

2 401 067 (2017)

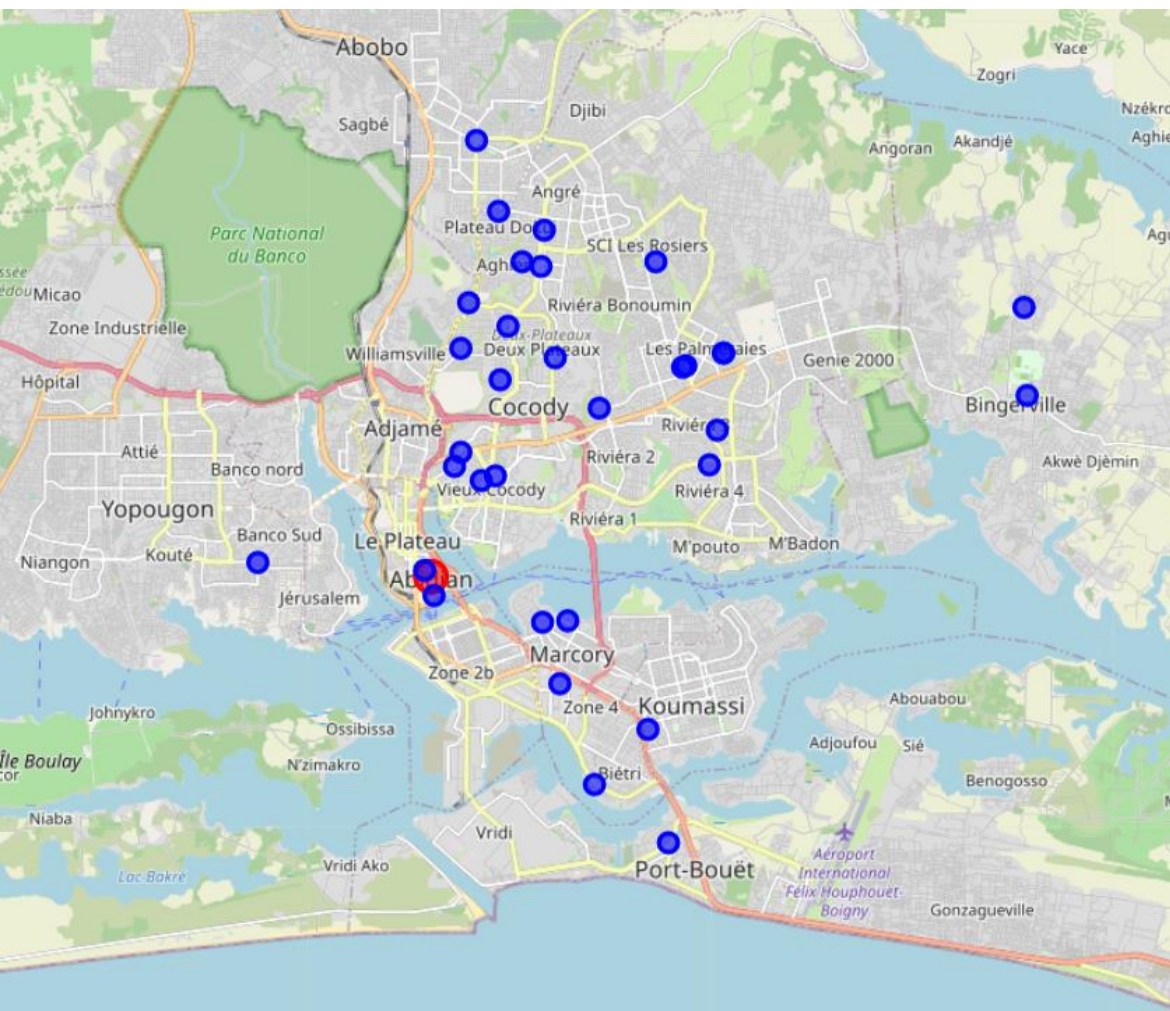
79 km²



DATA ACQUISITION AND CLEANING

- Query : ‘Hospital, clinique ’ Data from Foursquare
- <https://www.populationdata.net>
- Google place

100



GATEGORIES – HOSPITALS IN EACH TOWN

VS

ABIDJAN

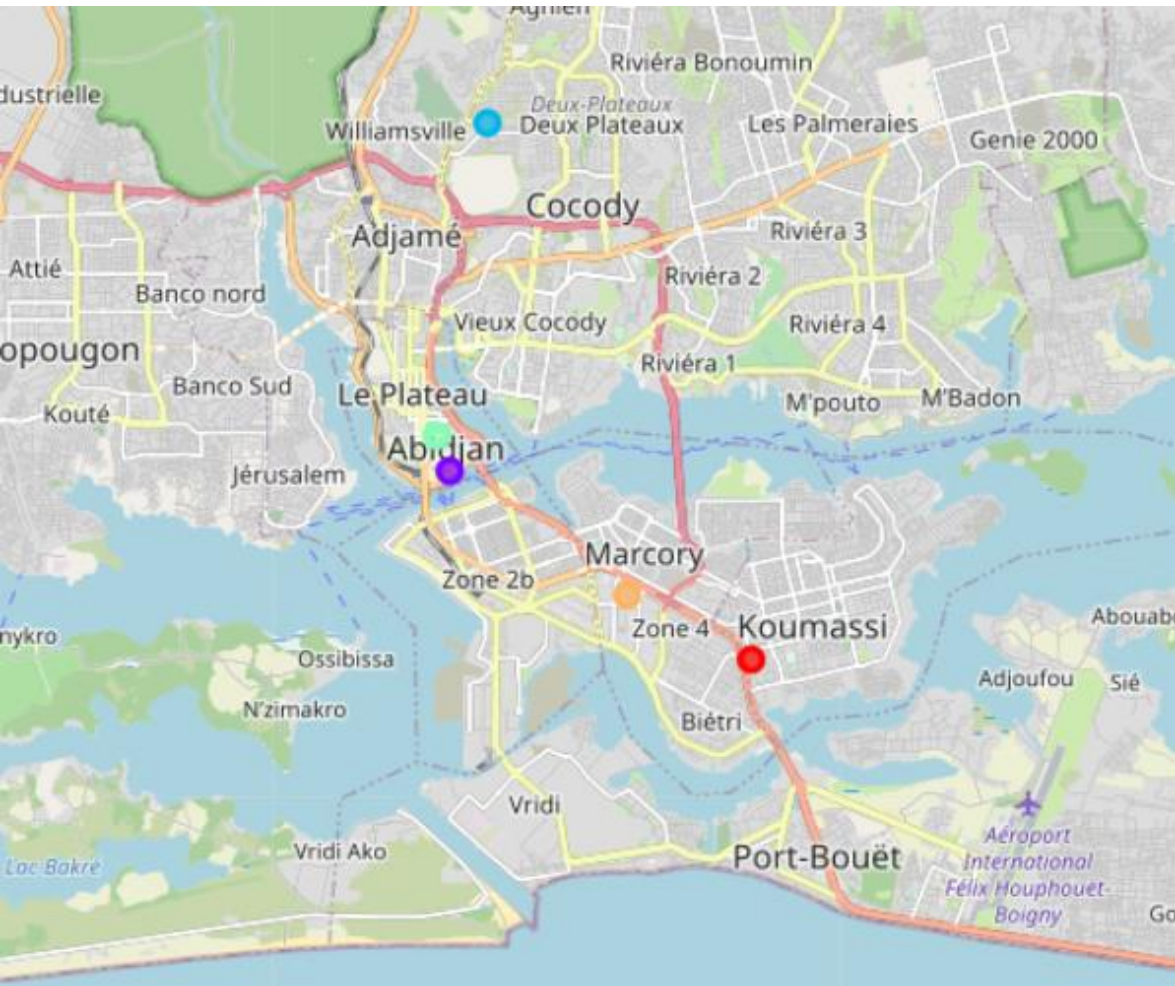
- Doctor's Office 3
- Eye doctor 2
- Hospital 22
- Medical Center 4
- Veterinarian 1

COTONOU

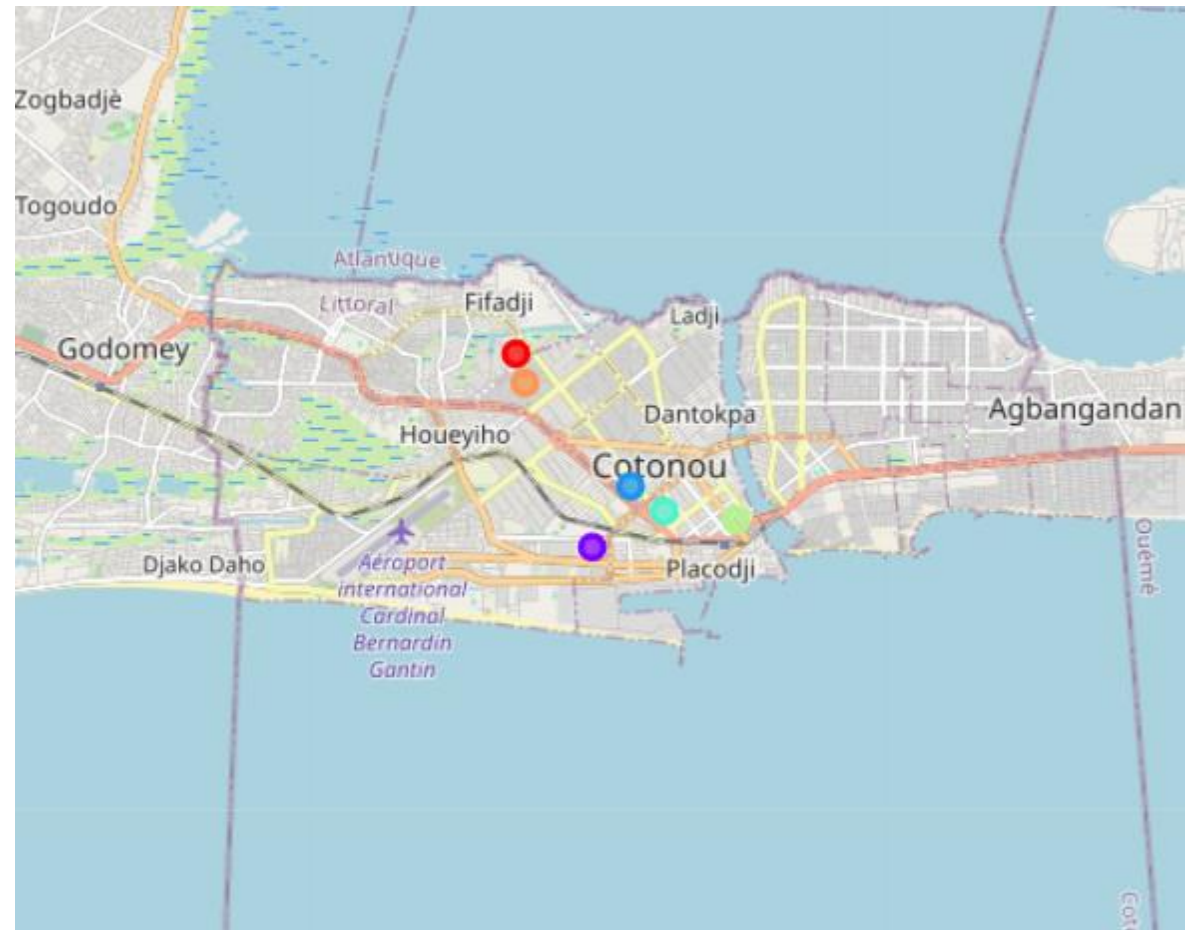
- Doctor's Office 1
- Eye Doctor 1
- Health & Beauty Service 1
- Hospital 11
- Hospital Ward 1
- Medical Center 6

CLUSTERS. SOURCE FROM FOURSQUARE

ABIDJAN



BENIN



RESULTS

ABIDJAN

The best place to build our Hospital is the area of Koumassi where we have only 1 veterinarian.

VS

COTONOU

The best place to build our Hospital is the area of Boulevard de France