

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

CAPSTONE PROJECT - THE BATTLE OF NEIGHBORHOODS



PLAN

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

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

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



# TOWNS' INFORMATIONS

#### **POPULATION**

#### SUPERFICIES

ABIDJAN	4 395 243 (2014)	2,119 km <sup>2</sup>
COTONOU	2 401 067 (2017)	$79 \text{ km}^2$



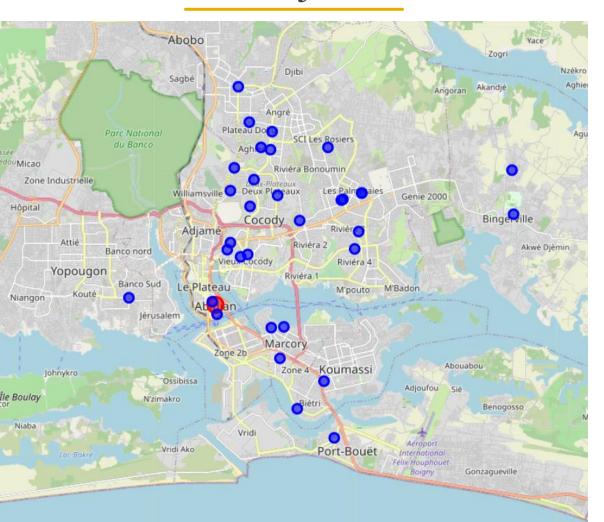
# DATA ACQUISITION AND CLEANING

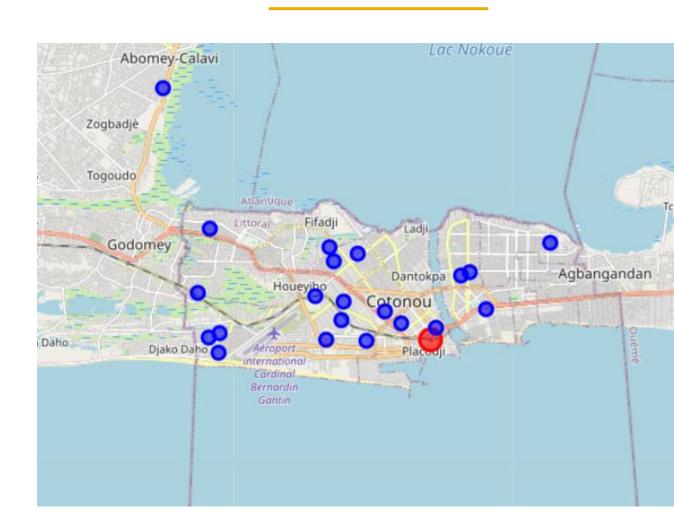
- Query: 'Hospital, clinique' Data from Foursquare
- https://www.populationdata.net
- Google place

### HOSPITALS AND CLINICS EXISTING. SOURCE FROM FOURSQUARE

# ABIDJAN

#### BENIN





### GATEGORIES – HOSPITALS IN EACH TOWN

# **ABIDJAN**

Doctor	· c	Office	3
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- Eye doctor2
- Hospital22
- Medical Center
- Veterinarian

VS

#### COTONOU

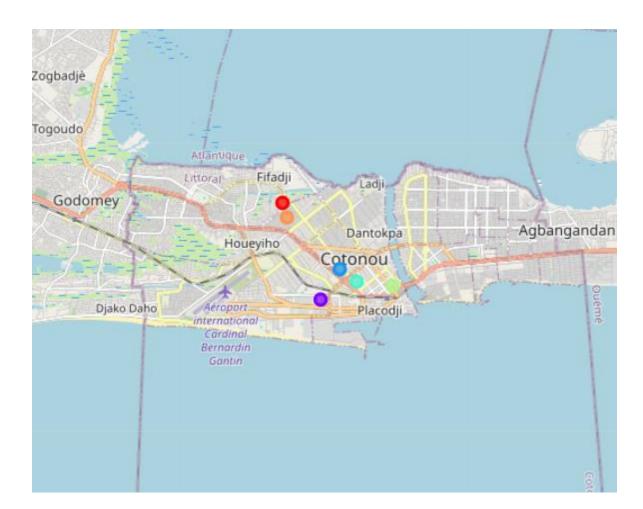
Doctor's Office	1
Eye Doctor	1
Health & Beauty Service	1
Hospital	11
Hospital Ward	1
Medical Center	

#### CLUSTERS. SOURCE FROM FOURSQUARE

# **ABIDJAN**

#### Riviéra Bonoumin dustrielle Deux-Plateaux Deux Plateaux Les Palmeraies Genie 2000 Cocody Riviéra 3 Adjamé Attié Riviéra 2 Banco nord Vieux Cocody Riviéra 4 opougon Riviéra 1 Banco Sud Le Plateau M'Badon M'pouto Kouté Abidian Jérusalem Marcory Zone 2b Abouabi Zone 4 Koumassi Ossibissa Adjoufou N'zimakro Biétri Vridi Aeroport Vridi Ako Port-Bouët International Félix Houphouet-

#### BENIN



# <u>RESULTS</u>

VS

# ABIDJAN

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

#### COTONOU

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