Medical emergency service solutions

Solution

The solution will be find by analysing thousand of audio files coming from multiple phone call record from patients to the call center.

We will use an analysis method to segmented all theses phone call by regions in Yaounde, so that the patient will be redirect to the most close hospital to his location.

Patients cases will be segmented in pathology types so that patients will be redirect to the medical center the most appropriate for them case

The analysis's result should help the medical emergency service be more efficient and help the government to invest in the right equipment or the right medical infrastructure in the place it is more necessary.

Data sources

Foursquare location data, to find medical structure in Yaoundé

Phones call audio record

Excel file with all Yaoundé's district and there locations

Excel file with all the medical structures providing the medical emergency service