

# **Location feasibility study for opening** **Old Age Home in Mumbai City**

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## **1. Introduction**

### **a. Background**

Mumbai (also known as Bombay, the official name until 1995) is the capital city of the Indian state of Maharashtra. According to United Nations, as of 2018, Mumbai was the second-most populous city in India after Delhi and the seventh-most populous city in the world with a population of roughly 20 million.[1]

According to Population Census 2011 there are nearly 104 million elderly persons (aged 60 years or above) in India; 53 million females and 51 million males. A report released by the United Nations Population Fund and HelpAge India suggests that the number of elderly persons is expected to grow to 173 million by 2026.[2]

So we thought of identifying affordable areas in Mumbai, in which old age home can be built for taking care of growing number of elderly people.

At the same time we need to ensure that needs of the elderly people are also taken care.

## **b. Problem Statement**

We need to answer below two questions by our analysis:

- Identify areas which have Hospitals, Medicals, Parks and Spiritual places nearby.
- Property price should be minimum as far as possible.

## **c. Data Description**

Data required for analysis is obtained as below:

- List of areas and locations in Mumbai is obtained from Wikipedia.
- Correct coordinates are obtained for areas with help of Google API.
- Nearby venues (Specifically Hospitals, Medical, Parks and Spiritual places) for individual areas are obtained using Foursquare API.
- Property prices are obtained from multiple property selling / renting websites [4]

## **References**

- [1] <https://en.wikipedia.org/wiki/Mumbai>
- [2] <https://vikaspedia.in/social-welfare/senior-citizens-welfare/senior-citizens-status-in-india>
- [3] [https://en.wikipedia.org/wiki/List\\_of\\_neighbourhoods\\_in\\_Mumbai](https://en.wikipedia.org/wiki/List_of_neighbourhoods_in_Mumbai)
- [4] <https://developer.foursquare.com/>
- [5] <https://www.makaan.com/price-trends>
- [6] <https://www.99acres.com/>