

Introduction & the Problem Statement

Colombo being the commercial capital of Sri Lanka, fairly a high percentage people who seek for an employment or people who seek for a better break in his/her career or people who need to change his/her career or Srilankans those who are living in other parts of the world and hoping to be back will be moved to Colombo & its suburbs and will be settled down in these areas.

Following are the main factors that drive people to move to Colombo & its suburbs.

1. Most of the Headquarters of Departments, Authorities, Boards, and Companies are situated in Colombo.
2. Availability of best Government schools, best Private Schools & best International schools in Colombo and its suburbs
3. Availability of other facilities like various kinds of restaurants, shopping malls, entertainment places etc...
4. Availability of newly built apartments & housing schemes at a competitive rate.
5. High development rate compared to other areas.

When people are planning to move to Colombo & its suburbs, followings are the main requirements that they usually consider.

1. Less populated area: (As they are coming from other parts of the country which are mostly less populated, the natural preference will be to select a similar environment.)
2. Area which is within reasonable distance from city of Colombo.
3. Area where you get all the necessary facilities around you. (Restaurants, Supermarkets, banks, ATMs, shopping places etc...)

Problem Statement: As a Data Scientist how can you help a person to find out an area/areas in Colombo & its suburbs that satisfy the above mention three requirements?