Chathusha Karunathilake

CAPSTONE PROJECT

# Introduction

Colombo is the commercial capital of Sri Lanka. The city is packed with office and commercial buildings and road traffic is a common scene. People, who commute daily to attend to their jobs are the ones who are mainly affected by this traffic.

Mainly due to this traffic issue, there is a high market for apartments in the Colombo suburbs among people with high income. Building developers have identified this market and currently, in Colombo, there are more than 5 high-rise apartment constructions that are ongoing and more at the planning stage. The market for apartments seems to be stable.

Further, building developers are searching for lands with marketable infrastructures at proximity to construct apartments in the future. By marketable infrastructure I mean, schools, supermarkets, shopping centers, etc.

In this report, I am trying to address, which neighborhoods in Colombo city and suburbs are most suitable construct apartments, using data science superpowers.

# Data

* 1. Census data of Colombo district from Department of Census and Statistics, Sri Lanka. This data will be used to identify the neighborhoods (we call, grama niladhari division) of Colombo area.
  2. Venue details using Foursquare API.