**House Price Prediction using Foursquare Location Data**

The motivation of this project is to make use of the classical house price prediction problem along with foursquare data on neighbourhood for more accurate price estimation of the house price.

This can help potential housing market customers to get an estimate of the house they are looking for, for realtors to correctly price the house in an area. Currently, the market is flooded with over-priced market at some locality which is not even located near to markets, bus stops etc.

**Data Section**

The dataset has the following properties:

1. Area\_type – describes the area
2. Availability – when it can be possessed or when it is ready (categorical and time-series)
3. Location – where it is located
4. Price – Value of the property in lakhs (INR)
5. Size – in BHK or Bedroom (1-10 or more)
6. Society – to which society it belongs
7. Total\_sqft – size of the property in sq. Ft
8. Bath – No. of bathrooms
9. Balcony – No. of the balcony

Along with this information, Foursquare provided real time information regarding the neighbourhood which can help more on the price estimation. This will be formulated as a Regression problem.