**INTRODUCTION**

As part of the Mexican Valley Metropolitan Zone, Mexico city is the 9th biggest urban agglomeration across the world, and the most populous city in North America. It has almost 8.9 million people living in a land area of 1,485 m2 with a density of 6000/km2, this density reveals the city’s biggest problem which is the lack of residence for new inhabitants.

Construction companies have been developing new housing building across the city, but the demand is still growing, in order to check for new constructions lands, it is important to know which neighbourhoods have bigger no. of preestablished venues and which don’t. For those neighbourhoods that have bigger no. of preestablished venues and which don’t, companies are looking for constructing multifunctional complexes that includes residential apartments, office section and mall. In order to help companies and government deciding where to establish new building it is imp to know all neighbour areas background; one app. Could be using data science to cluster neighbour into 3 categories