CAPSTONE PROJECT - THE BATTLE OF NEIGHBORHOODS IN GURUGRAM

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DATASETS

- For data exploration we use Kaggle Zomato dataset on kaggel.com link: https://www.kaggle.com/shrutimehta/zomato-restaurants-data to explore localities in Gurugram
- Foursquare database: https://Foursquare.com to be used in order to explore the desired neighbourhood data for various restaurant details and access the JSON files. This data shall be utilized to explore venues and map the North Indian restaurants in various locations.

METHODOLOGY

- Using Zomato Kaggle dataset we retrieve table of restaurant & locality with latitude & longitude.
- Then we pre-process the dataset and map the neighbourhoods using folium library.
- Using Foursquare API, we explore venues in datasets
- After exploring venues, we use K-Means Clustering algorithm & map the clusters on map
- We examine all clusters and this clustering results will help us to finalize a neighbourhood where we can start our business.