

# CAPSTONE PROJECT

*Analyzing Locality of Goa, India to predict suitable location for Restaurant*

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## **Introduction**

*In this project, we are trying to analyze the localities of Goa, so that appropriate recommendation for opening new restaurant to the stake holders can be made.*

*Goa is a tourism hotspot of India, It attracts tourists from across the India as well as abroad, thus the scope of Restaurant business is only increasing.*

*Now that Corona Vaccine is out and people are tired of lockdown, everyone is looking for International vacations and no doubt Goa will be one of the most preferred cities, This brings investment opportunity in the restaurant sector.*

*We have divided Goa into different cities and various locations in those cities were collected, then we filtered out all restaurants.*

*Once this data is ready, we can recommend location for someone who is planning to setup a new restaurant*

## **Data**

- *List of cities in Goa can be found on this wikipedia page, [https://en.wikipedia.org/wiki/List\\_of\\_cities\\_and\\_towns\\_in\\_Goa](https://en.wikipedia.org/wiki/List_of_cities_and_towns_in_Goa)*
- *Geocoder package is used to get the latitude and longitude of these cities*
- *Foursquare API is used to find locations the neighborhood of these cities*