Recommend Business and Location

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1.Introduction

There are many Strat up businesses which fails or comes to a halt due to lack of right decision in the initial period of business, that have been said not all business glooms at any location we pick up even if u have all the capital needed to boost start the business.in India many businesses fails due to this reasons https://smallbiztrends.com/2016/07/small-companies-fail.htmland many other reason as well but here we will focus on location based guidance .

Interest:

Obviously if an investor is willing to invest a hefty amount of capital in a business, then will be more interested to invest it where ROI is high and invest their money with assurance that the business will have a good start because of the location selected.

Data

2. Data Sources and Use case:

As this project focuses on India so the Dataset is for Indian region, we took a small part of India with the highest GDP, The Hyderabad City. To grab the Area (aka Neighborhood) of Hyderabad city, we scrapped a Website https://en.wikipedia.org/wiki/Category:Neighbourhoods_in_Hyderabad,_India ethically containing all the area of Hyderabadi city using Beautiful Soup.

As we have the Area name of Hyderabad city we will need the geolocation of the same, so we use arcgis API to extract latitude and

longitude of the area in Hyderabad city and later map it on to the map of India.

We have area name, latitude & longitude of the area, now to grab all the top and most common businesses we use foursquare API and use its category column to give us best businesses to bet our money upon in 6 different clusters which we will make by the end of the project.