

Studying the coverage of Foursquare crowdsourcing data for restaurants in the city of Mumbai



Introduction

Foursquare is a service that provides crowdsourced data for various venues nearby your location. However, as a native of Mumbai, I found that Foursquare data for the area was lacking.

This study aims to qualitatively understand the lack of data in this region. It will limit itself to the scope of restaurants and other eateries, and compare the Foursquare data with a relatively complete data obtained from Zomato.

The results of this study can help quantify the coverage difference between Foursquare, a US based service and Zomato, an India based service.

Data

For this study, we will make use of the following data:

1. Mumbai Data

a. Post offices and Pin Codes:

This Data encompasses a list of pin codes, local post office names and the governing districts. It will provide a way to segregate localities on basis of a definite locations

We will limit our scope to Mumbai only.

Source: <https://mumbai7.com/postal-codes-in-mumbai/>

2. Restaurant Data

a. Foursquare API:

API requests to Foursquare will provide the currently documented restaurants and eateries in the vicinity of the post offices.



b. Zomato API:

API requests to Zomato will provide the currently documented restaurants and eateries. This data will be considered more accurate and used to compare the Foursquare data

