

A Tale of Two Cities

Introduction:

In the Capstone Project of Data Science Profession certificate we will compare two cities, New York City, USA and Mumbai City, India. Both the cities are financial and cultural centres of their respective countries. Also, Mumbai as well as New York is have one of the best educational institutes with respect to their countries. Lots of students look for a comparison between the cities all over the world when it comes to spending money on education and its overall worth after completion of it. They look for segmentation of neighborhoods, population, desirability rank, number of ranked universities, employer activity rank, affordability rank etc. In this project we will segment the neighborhoods as well as compare the cities on parameters mentioned above.

Data:

1. Forsquare APIs will be used for location of neighborhoods and getting the venues in radius of 1 Kms. The data for Mumbai is taken from the Wikipedia and link for the same is: https://en.wikipedia.org/wiki/List_of_neighbourhoods_in_Mumbai. The data is scrapped using “pandas” and taken into dataframe and analysed further.
2. The data for population, desirability rank, student affordability rank, number of ranked universities, employer activity rank etc. has been taken from QS best student cities page for Mumbai and Newyork. The link for the same is as follows:
Mumbai: <https://www.topuniversities.com/university-rankings-articles/qs-best-student-cities/mumbai>
New York: <https://www.topuniversities.com/university-rankings-articles/qs-best-student-cities/new-york>