# Best City To get Funding for startup

How does code work?

- Initially we are importing all the required modules which are pandas, matplotlib, numpy as csv.
- We are reading the .csv file and storing the data in 'df_start'.
- We are removing all the NaN values present in the column of 'CityLocation'.
- We are correcting the names of 'New Delhi' and 'Bangalore' in the City Location column of the data frame.
- We are creating a dictionary with assigning the values for the required cities(Bangalore, Mumbai and NCR) to zero.
- We are using a GetCount function to count the number of fundings from each city.
- We are applying the GetCount function for the data frame's CityLocation column.
- Inside the GetCount function, we are first stripping the name and assigning it a list 'l'.
- We are going through all the elements in the list and increasing the count for our cities whenever we encounter them.
- Now, we got the count and reading the dictionary keys and values to cities and fundings, we have created two lists.
- Using the lists we plot the bar graph.
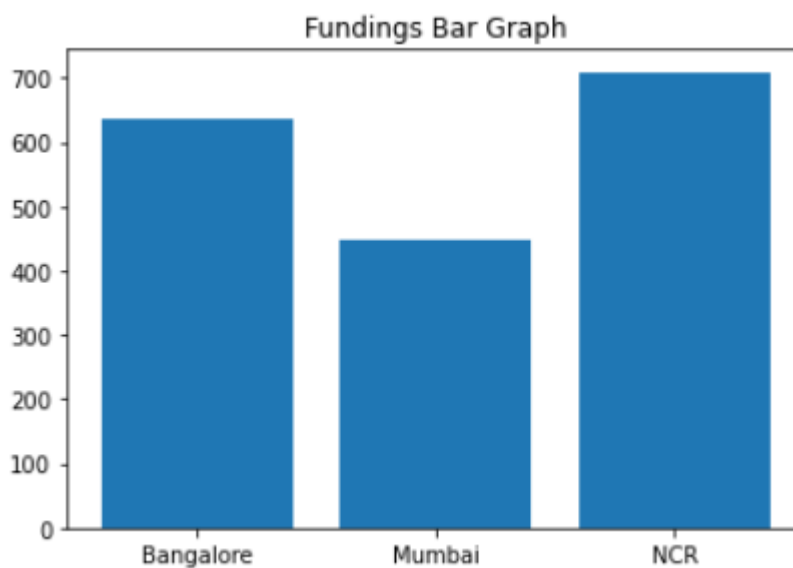
Conclusion:

From the Bar graph it is evident that the area of NCR has received most number of fundings for startups. So, I would suggest my friend to establish the product startup in NCR region.