

how to find the best location
for a coffee shop

If you want to open the coffee shop. You must be to find the best location for a coffee shop.



The best location is midpoint of several geolocations coffee shop. (such as orange point)



Example

- If I have location of coffee shop
- $L = [(-74.2813611, 40.8752222), (-73.4134167, 40.7287778), (-74.3145014, 40.9475244), (-74.2445833, 40.6174444), (-74.4148889, 40.7993333), (-73.7789256, 40.6397511)]$

- I can find the best location by

- `lat = []`

- `long = []`

- `for l in L :`

- `lat.append(l[0])`

- `long.append(l[1])`

- `sum(lat)/len(lat)`

- `sum(long)/len(long)`

Output : -74.07461283333332, 40.76800886666667

- The best location for a coffee shop is
 - -74.0746128333332, 40.7680088666667