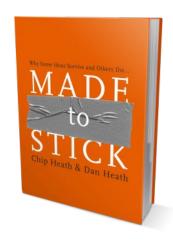
Asian Taste in Taksim Square

By Tansel Tulga Cinar

Why Istanbul and why Taksim area for an Asian Restaurant

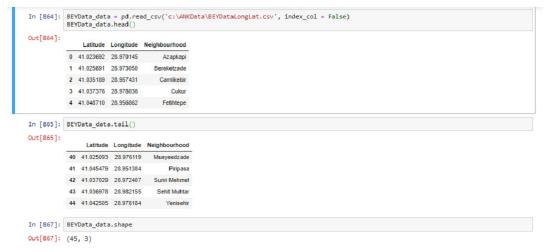
Istanbul is a major city in Turkey that straddles Europe and Asia across the Bosphorus Strait. Its Old City reflects cultural influences of the many empires that once ruled here. In the Sultanahmet district, the open-air, Roman-era Hippodrome was for centuries the site of chariot races, and Egyptian obelisks also remain. The iconic Byzantine Hagia Sophia features a soaring 6th-century dome and rare Christian mosaics.



Business Objective

To open an Asian Restaurant in Istanbul especially in Taksim area where is highly touristic area. The Asian visitor is very high in this area.

Therefore I found out the district satellite coordination as follow. Then I use the K-means clustering algorithm to find the best location for an Asian restaurant.





Heat Map of the venues

Veighbourhood	Neighbourhood Latitude	Neighbourhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
Asmali Mescit	100	100	100	100	100	100
Azapkapi	100	100	100	100	100	100
Bedrettin	82	82	82	82	82	82
Bereketzade	100	100	100	100	100	100
Bostan	75	75	75	75	75	75
Bulbul	100	100	100	100	100	100
Camlikebir	12	12	12	12	12	12
Catma	100	100	100	100	100	100
Cihangir	100	100	100	100	100	100
Cukur	100	100	100	100	100	100
Emekyemez	100	100	100	100	100	100
Evliya	100	100	100	100	100	100
Fetihtepe	24	24	24	24	24	24
Firuzaga	100	100	100	100	100	100
Gumussuyu	100	100	100	100	100	100
Haciahmet	41	41	41	41	41	41
Hacımimi	100	100	100	100	100	100
Halicioglu	31	31	31	31	31	31
Huseyinaga	100	100	100	100	100	100
Istiklal	17	17	17	17	17	17
Kadı Mehmet	72	72	72	72	72	72
Kalyonou	100	100	100	100	100	100
Kamer Hatun	100	100	100	100	100	100
Kaptanpasa	31	31	31	31	31	31
Katip Mustafa	100	100	100	100	100	100
Ke-ceci	38	38	36	38	38	36

Clustering of venues

Using the K-means algorithm with the k value of 7, we can see the partitioning of the venues of the map below.



In [857]: BEYData_merged.loc[BEYData_merged['Cluster Labels'] == 0, BEYData_merged.columns[[2] + list(range(4, BEYData_merged.shape[1]))]
Out[857]:

Common Venue	Common Venue	Common Venue	Common Venue	Common Venue	Common	Common Venue	Common Venue	Common Venue	Common Venue	Neighbourhood	
Lounge	Historic Site	Plaza	Art Gallery	Seafood Restaurant	Turkish Restaurant	Coffee Shop	Café	Restaurant	Hotel	Azapkapi	0
Mosque	Mediterranean Restaurant	Yoga Studio	Coffee Shop	Tea Room	Scenic Lookout	Pizza Place	Restaurant	Café	Hotel	Omeravni	11
Bistro	Mediterranean Restaurant	Bakery	Food Truck	Soccer Field	Steakhouse	Restaurant	Hotel	Turkish Restaurant	Café	Sutluce	13
Clothing Store	Dance Studio	Theater	Art Museum	Coffee Shop	Bar	Hotel	Art Gallery	Café	Restaurant	Tomtom	14
Art Museum	Meyhane	Coffee Shop	Dance Studio	Italian Restaurant	Bar	Art Gallery	Café	Restaurant	Hotel	Asmali Mescit	15
Turkish Home Cooking Restaurant	Spa	Nightolub	Hostel	Kebab Restaurant	Restaurant	Art Gallery	Bar	Café	Hotel	Kocatepe	24
Dance Studio	Meyhane	Italian Restaurant	Art Gallery	Bar	Nightolub	Turkish Restaurant	Restaurant	Café	Hotel	Yahya Kahya	29
Meyhane	Italian Restaurant	Bar	Coffee Shop	Music Venue	Turkish Restaurant	Restaurant	Cocktail Bar	Hotel	Café	Bedrettin	30
Art Museum	Italian Restaurant	Nightclub	Meyhane	Cocktail Bar	Coffee Shop	Art Gallery	Restaurant	Café	Hotel	Catma	32
Meyhane	Bar	Nightclub	Turkish Restaurant	Art Gallery	Coffee Shop	Cocktail Bar	Restaurant	Hotel	Café	Evliya	33
Bar	Pizza Place	Nightolub	Art Gallery	Mediterranean Restaurant	Hotel Bar	Coffee Shop	Café	Restaurant	Hotel	Gumussuyu	34
Bistro	Recreation Center	Pool Hall	Dessert Shop	Lounge	Art Museum	Spa	Turkish Restaurant	Art Gallery	Hotel	Yenisehir	44

Summary

After running the K-means algorithm by partitioning 7, we out that the best location of an asian restaurant is in Cluster 0. The District names are listed as above.