

Choosing the best spot to open a Pizzeria in Paris.

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Data Section

Data sources: I used FourSquare to obtain the data that I need for the project. Basically, two API calls were needed. The first one was a search of all the pizzeria located in a radius of 5 km around the center of Paris. The second call was to get the client's note in the identified restaurants.

Data cleaning: Many variables were not needed (*e.g.* address, restaurant type, country, city, *etc*), those have been removed from the dataset. Two datasets were combined into one dataframe, the first contained the restaurant name, ID, latitude, longitude and the second one the client evaluation.

Obtained data: (see table next page)

The code can be found on the following link:

https://github.com/mtessier44/Coursera_Capstone/blob/main/Capstone-W4.ipynb

	name	lat	lng	id	Note
0	Pizzeria Italiana Da Michele	48.867739	2.356261	51430960e4b0455b2d070f45	None
1	O'scià Pizzeria Napoletana	48.864821	2.347524	4c9894df07916dcb8d01ed1b	7.6
2	Pizzeria d'Istanbul	48.837677	2.359962	4dc445371f6ef43b89f7e46e	None
3	Pizzeria Mazarine	48.853989	2.337987	4c6fb714d274b60c3d57d70d	None
4	Pizzeria Maccaron	48.859454	2.344401	5371073c498e8b0d316a4db8	None
5	Pizzeria Pepone	48.853511	2.337967	5131ded7e4b04a7c69396261	7.3
6	Pizzeria Nino	48.839535	2.299931	523741de11d2a8888a604602	None
7	Pizzeria La Gaine	48.859215	2.354996	4e59e059483b865169e59dba	None
8	Pizzeria Luciana	48.845297	2.342616	573eecb1498ebf4b4efd1b8c	None
9	Pizzeria Luka	48.862087	2.351836	4e59fe822271886714fb58d5	None
10	Pizzeria Ghost	48.861029	2.358219	4e58fd782271886714ec7f9d	None
11	pizzeria	48.884677	2.333735	58ce831d18fd2b1c6a40c5ec	None
12	Mama Pizzeria	48.859778	2.402545	513130f5e4b0ed2721b6e1fa	8.0
13	Pizzeria Romanella	48.838223	2.356450	51043554e4b08881ebbec640	None
14	Pizzeria Don Giacomo	48.853623	2.370256	53f79936498ef939417afa78	6.5
15	Pizzeria Sette	48.856550	2.373932	5b5e12e160255e002c0d5d51	None
16	Pizzeria Les Comédiens	48.844731	2.320639	4ba66d6cf964a520635139e3	6.7
17	Pizzeria Sette	48.871270	2.353464	53f7b51b498e5ac6875be50a	8.6
18	Pizzeria Miramar	48.870489	2.320640	543eb095498e12bc703d80a5	None
19	Pizzeria Saint Georges	48.877220	2.354398	4e972515b634527c67a6595a	None
20	Pizzeria Napoletana	48.853396	2.378799	4e0328be7d8bf11e9f3c1383	None
21	Pizzeria Saint-Lazare	48.876788	2.337441	4b41e2a0f964a520c7c925e3	None
22	Pizzeria Chez Hino	48.840488	2.312244	4eef943377c82b92fa7121d1	None
23	Pizzeria d'Auteuil	48.848773	2.265839	4b8d6621f964a5206ff932e3	7.9
24	Pizzeria Via Maria	48.836997	2.318552	4d946494ca3f6ea8f502c834	6.4
25	Pizzeria Renato	48.866348	2.364821	4b8bffebf964a52082b732e3	7.5
26	Vecchia Bar Pizzeria	48.854704	2.324866	4f91c6eae4b0ccf0717648df	None
27	Valponi Pizzeria	48.870940	2.346583	4b5f4f04f964a52038b329e3	5.3
28	Pizzeria Al Taglio	48.846176	2.386590	5559c8ae498e23395fd9c60d	None
29	Pizzeria Verona	48.839520	2.305722	4f999df4e4b03d12fb0b163e	None