

Report

- Introduction where you discuss the business problem and who would be interested in this project.
- "Would you recommend a location in NAVI MUMBAI to open a new cinema?"
- My FRIEND, an investor wants to open a new cinema as company's new business and ask me this question.
- He explains that in customer point of view, watching movie is a part of whole afternoon or night activities.

List of Cinema's in this Area-

	Name	id	Latitude	Longitude	Distance	Categories
0	Raghuleela Inox Cinema	4e5df0c888771c94688a14f4	19.064052	72.997117	4868	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...}
1	Le Rêve (Globus Cinema)	580db3c938fa83fae8815919	19.056014	72.833951	20756	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...}
2	Gaiety Cinema	4ddce24c1f6e54b34d937cdd	19.061642	72.838771	20341	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...}
3	Carnival Cinema-Red Lounge	55671b19498e019762ef5e41	19.146801	72.937332	15965	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...}
4	Square Digital Cinema	51e565c6498e8fc6c884ff88	19.046111	73.072599	4744	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...}
5	Maxus Cinema	50cf14c0e4b0f2cbe4cb38ad	19.042301	73.077429	5128	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...}
6	Meghdoot Cinema Hall	4e2c3f9a483bb05f05a67226	19.072828	72.998086	5542	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...}
7	Big Cinema@ Galleria	4df44cc5b0fb807158c591c4	19.080369	73.002525	5998	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...}

	Name	id	Latitude	Longitude	Distance	Categories
8	Meghraj Cinema	4e2c4960b0fbc2edac2a626e	19.073725	72.996578	5718	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...
9	Big Cinema	4b80bc9ef964a520448930e3	19.084814	73.007386	6227	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
10	K.K. Cinema	5755a605498e296774922a8f	19.012305	73.089830	6734	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...
11	Cineraj Cinema	50d1378ae4b01474e14a4821	18.997191	73.125461	10837	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
12	Deepak Cinema	4e322a66aeb732004420a5aa	19.006031	72.830930	21133	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
13	apna cinema	4f9420a3e4b05b20f1199136	19.009400	73.108806	8729	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
14	Maxus Cinema Gorai	52b5116a498ed24f272011cc	19.232315	72.828849	30634	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
15	IMAX Big Cinemas	4b0587dcf964a5207ea422e3	19.031518	72.880701	15680	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
16	Dreamland cinema	4e647501483bd9a975319de1	18.960003	72.819188	23600	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
17	CinemaStar	4d982b97454edcb3f752cf6a	19.217288	72.980954	21145	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
18	PVR Cinemas	4b8e7e52f964a520422533e3	19.114637	72.827452	23137	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
19	Metro Big Cinemas	4b10fe04f964a520417723e3	18.943304	72.828897	23376	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
20	Maxus Cinema	4dd7cf5ed4c05d5096f2267c	19.093730	72.883627	16789	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...
21	Basant Cinema	4e59f1e2b61c4aaa3e04b954	19.042931	72.906380	13023	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...

	Name	id	Latitude	Longitude	Distance	Categories
22	PVR Cinemas Kotak IMAX	4b42ebdcf964a520efda25e3	18.995059	72.823674	22090	[{'id': '4bf58dd8d48988d180941735', 'name': 'M...
23	PVR Cinema	57a73233498e9cb7a84181a1	19.165958	73.075910	15578	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
24	Chitra Cinema	4e91dc25b8f79f71df055bd1	19.013331	72.844056	19659	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
25	Sahakar Cinema	4dd0005f7d8b975f18f4ecf2	19.068899	72.899600	14260	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
26	New Kohinoor Cinema	510a137de4b0fb7951b3967d	19.063719	72.885574	15546	[{'id': '4bf58dd8d48988d17e941735', 'name': 'I...
27	Home cinema	518fd093498ea83b6013f559	19.101419	72.857689	19634	[{'id': '4bf58dd8d48988d17f941735', 'name': 'M...
28	Huma Cinema Bus Stop	4e5c44f91f6e89370a260c23	19.139211	72.931110	15727	[{'id': '4bf58dd8d48988d12b951735', 'name': 'B...
29	UFO Digital Cinema	4f7d6d93e4b07071b56dd7e8	19.118149	72.871587	19145	[{'id': '4bf58dd8d48988d124941735', 'name': 'O...

Finding the Distance and the top Cinema

	Name	Rating
0	PVR Cinemas	4.5
1	UFO Digital Cinema	4.5
2	Square Digital Cinema	4.3
3	Raghuleela Inox Cinema	4.3
4	Metro Big Cinemas	4.3
5	Basant Cinema	4.2