Introduction where you discuss the business problem and who would be interested in this project.

The Aim of this Project is to find a good place for a new cafe in Muenster. Ever Person who is intrested in opening a new cafe has to gather information to determine a good place to open. This Project will help the soon to be owner of a cafe by aggregating useful information about the competetive cafes.

Data where you describe the data that will be used to solve the problem and the source of the data.

To solve this Problem we need data of all the Cafes in Muenster. This Data will be privided by foursquare. Also a Rating of all the cafes is needed this data is also provided by foursuare

Methodology section which represents the main component of the report where you discuss and describe any exploratory data analysis that you did, any inferential statistical testing that you performed, if any, and what machine learnings were used and why.

After gathering all the necessary data we got 92 cafés. After cleaning we got the following table. A List of all Cafes in muenster and there Rating.
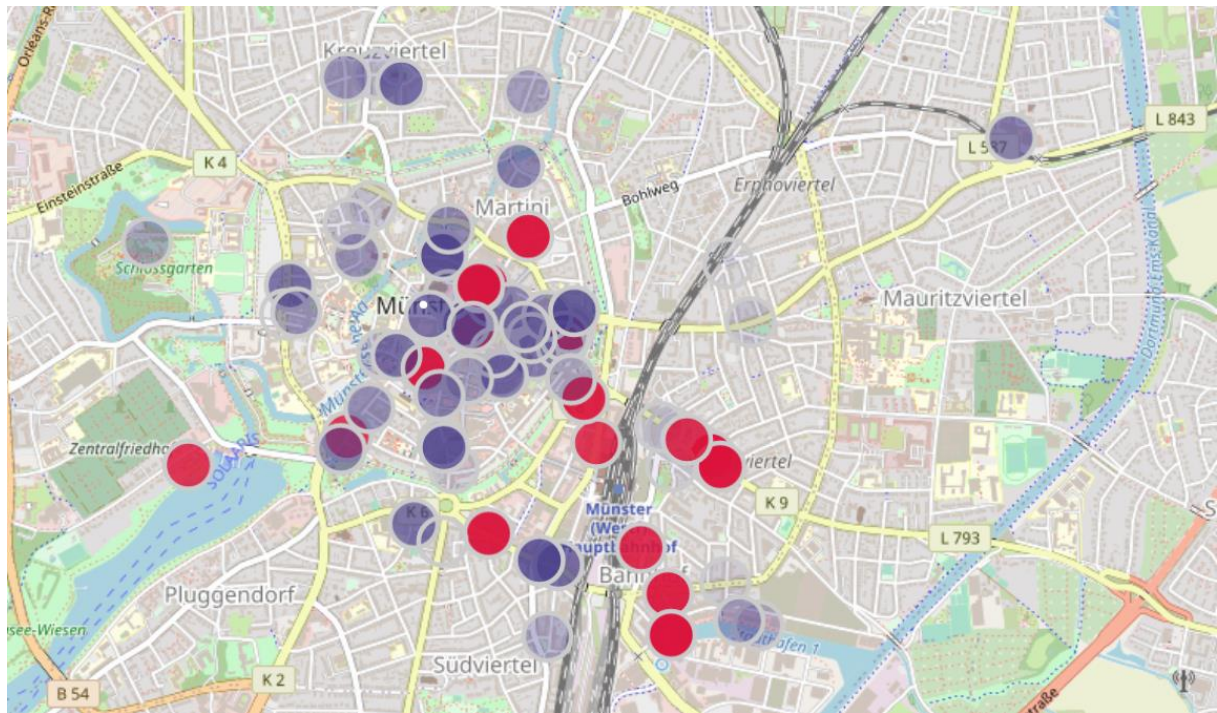
ut[23]:

	id	name	address	lat	lng	score
0	5183de20498e9f5aff694047	Nordstern	[Münster, Deutschland]	51.970177	7.622696	1.13
1	4f464347e4b007cd8d17fa62	Pension Schmidt	[Alter Steinweg 37, 48143 Münster, Deutschland]	51.961579	7.632998	4.77
2	57a076c3498e0290d5eecde4	Kaffeegiesserei	[Hansaring 14, 48155 Münster, Deutschland]	51.952900	7.638382	4.67
3	4c6d180e46353704380808bc	Peperoni	[Wolbecker Str. 24, 48155 Münster, Deutschland]	51.958065	7.639060	0.91
4	4b6ff903f964a520f3012de3	roestbar zwo	[Martinistr. 2 (Hörsterstr.), 48143 Münster, D...	51.964812	7.630835	4.79
...	...	...	...	...	...	...
87	4b715f06f964a5204d432de3	Liebigs	[Drubbel 19, 48143 Münster, Deutschland]	51.963154	7.628235	4.81
88	4dfb11263151945d44c8804f	NORDSEE	[Ludgeristr. 10, 48143 Münster, Deutschland]	51.960045	7.627634	1.74
89	4b98e515f964a520d05435e3	Vapiano	[Königsstr. 51, 48143 Münster, Deutschland]	51.959523	7.626039	2.86
90	4bf42c2594af2d7f51473a72	Ratskeller	[Prinzipalmarkt 8-10, 48143 Münster, Deutschland]	51.961798	7.627898	2.00
91	59cbed8ba92d984a81d0051d	Vapiano	[Hafenplatz 10, 48155 Münster, Deutschland]	51.951538	7.638586	4.96

92 rows × 6 columns

Results section where you discuss the results.

To be useful this information has to be visualized. The position of all the cafes are indicated on a map. A cafe with a high rating is red and a cafe with a low rating is blue. The center of muenster is a small withe circle.

As we can see on the Map in the south of muenster are a lot of high rating cafes. It would be smarter to open a new cafe in the north of muenster. Also in the east a generally less cafes, which could be a good oportunity as well.