

Violence against women

Introduction1.1

background

Today, violence against women continues to increase. Being Italian, I wanted to analyze the cases that occurred here in Italy.

1.2 Problem

Given the cases that have occurred here in Italy, they can be analyzed in various ways. This project is used to analyze only the cases verified in 2019, but in the future it will be expanded.

2. Data acquisition and cleaning

2.1 Data sources

The data for this project was acquired through surveys created ad hoc using google surveys, given that the statistical databases for violence were not available.

2.2 Data cleaning

The survey data was cleaned by parameters that were not needed for the purpose of the project. In order to represent the cases on the map, I had to do a manual search of the geographical coordinates of the various locations, because with forsquare I could not find the correct data.

3. Exploratory Data Analysis

From the map realized through the data obtained with the surveys, we can see a high number of cases in Northern Italy, with physical abuse on women. These data were obtained from 35 people who were willing to complete the survey. From these data we can understand that the cases are destined to increase. If I had had the opportunity to access the databases, we could analyze the flow of cases over the years.

	Informazioni cronologiche	Threat	real/virtual life	places	LATITUDINE	LONGITUDINE
0	2019/06/06 4:08:55 PM EET	0.1	VITA REALE	Salerno	40.395112	14.481656
1	2019/06/06 4:21:34 PM EET	1.0	VITA REALE	Ravenna	44.254440	12.115892
2	2019/06/06 4:22:23 PM EET	1.0	VITA REALE	Ravenna	44.254440	12.115892
3	2019/06/06 4:27:12 PM EET	0.5	VITA REALE	Ravenna	44.254440	12.115892
4	2019/06/06 5:36:57 PM EET	0.1	VITA REALE	Ravenna	44.254440	12.115892
5	2019/06/07 7:40:04 PM EET	0.1	VITA VIRTUALE	Ravenna	44.254440	12.115892
6	2019/06/08 9:20:43 AM EET	0.1	VITA VIRTUALE	Lipomo	45.473800	9.105340
8	2019/06/08 1:34:43 PM EET	0.1	VITA VIRTUALE	Como	45.483924	9.518600
11	2019/06/08 5:31:01 PM EET	0.5	VITA VIRTUALE	Como	45.483924	9.518600
12	2019/06/08 5:49:22 PM EET	0.1	VITA VIRTUALE	Varese	45.494800	8.492280
13	2019/06/08 5:59:26 PM EET	0.1	VITA REALE	Milano	45.283828	9.105340
15	2019/06/08 6:43:27 PM EET	0.1	VITA REALE	Novara	45.262940	8.374440
17	2019/06/08 6:50:17 PM EET	0.5	VITA REALE	Provincia di Como	45.483924	9.518600
18	2019/06/08 6:54:07 PM EET	1.0	VITA REALE	Ravenna	44.254440	12.115892
19	2019/06/08 7:01:06 PM EET	0.1	VITA VIRTUALE	Cagliari	39.134900	9.790000
23	2019/06/08 7:17:22 PM EET	0.8	VITA REALE	Calabria	38.641400	15.394356
26	2019/06/08 7:30:26 PM EET	0.1	VITA REALE	Piemonte	44.899241	7.567370
27	2019/06/08 7:32:05 PM EET	0.8	VITA REALE	Vallecrosia (IM)	44.211152	11.430480
29	2019/06/08 7:41:38 PM EET	0.1	VITA REALE	Ragusa	36.554548	14.434800
31	2019/06/08 7:54:30 PM EET	1.0	VITA REALE	Como	45.483924	9.518600
33	2019/06/08 8:20:56 PM EET	0.1	VITA REALE	Como	45.483924	9.518600
34	2019/06/08 9:04:15 PM EET	0.1	VITA REALE	Como	45.483924	9.518600
35	2019/06/08 9:12:21 PM EET	0.5	VITA REALE	Milano	45.283828	9.105340

Fig. Data Analysis

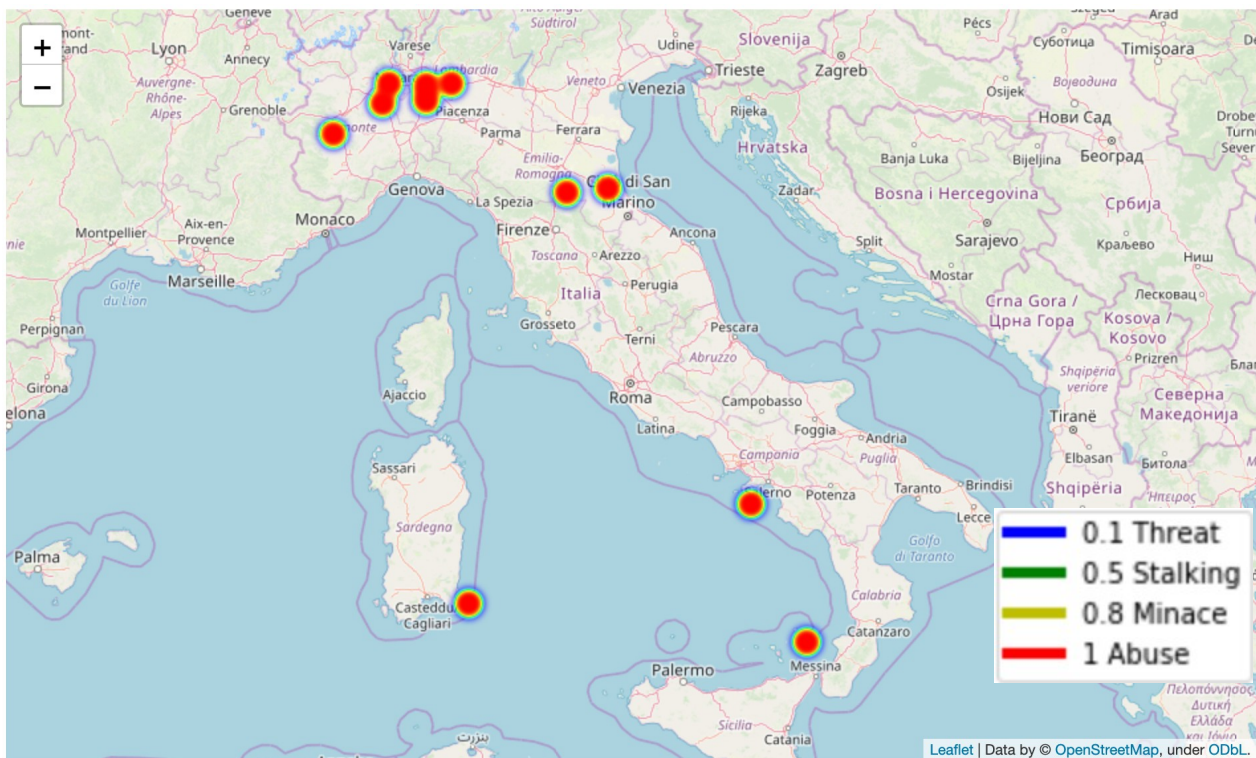


Fig. Analysis cases map

4. Conclusions

In this study, I analyzed cases of violence against women. this can be a beginning to study the cases in more depth, also developing predictive models to try to counter the increase in cases and safeguard women and men.