Map of the crime rate in San Francisco

ZE WEI

Introduction

For people in wish to move San Francisco, whether for its beaches or other things, they want to live in a safe location. This project aims to analysis data of this city to find safe areas. We will explore crime rate in San Francisco, California to solve this problem. Finally we will draw a Cleopleth map of crimes in San Fransico.
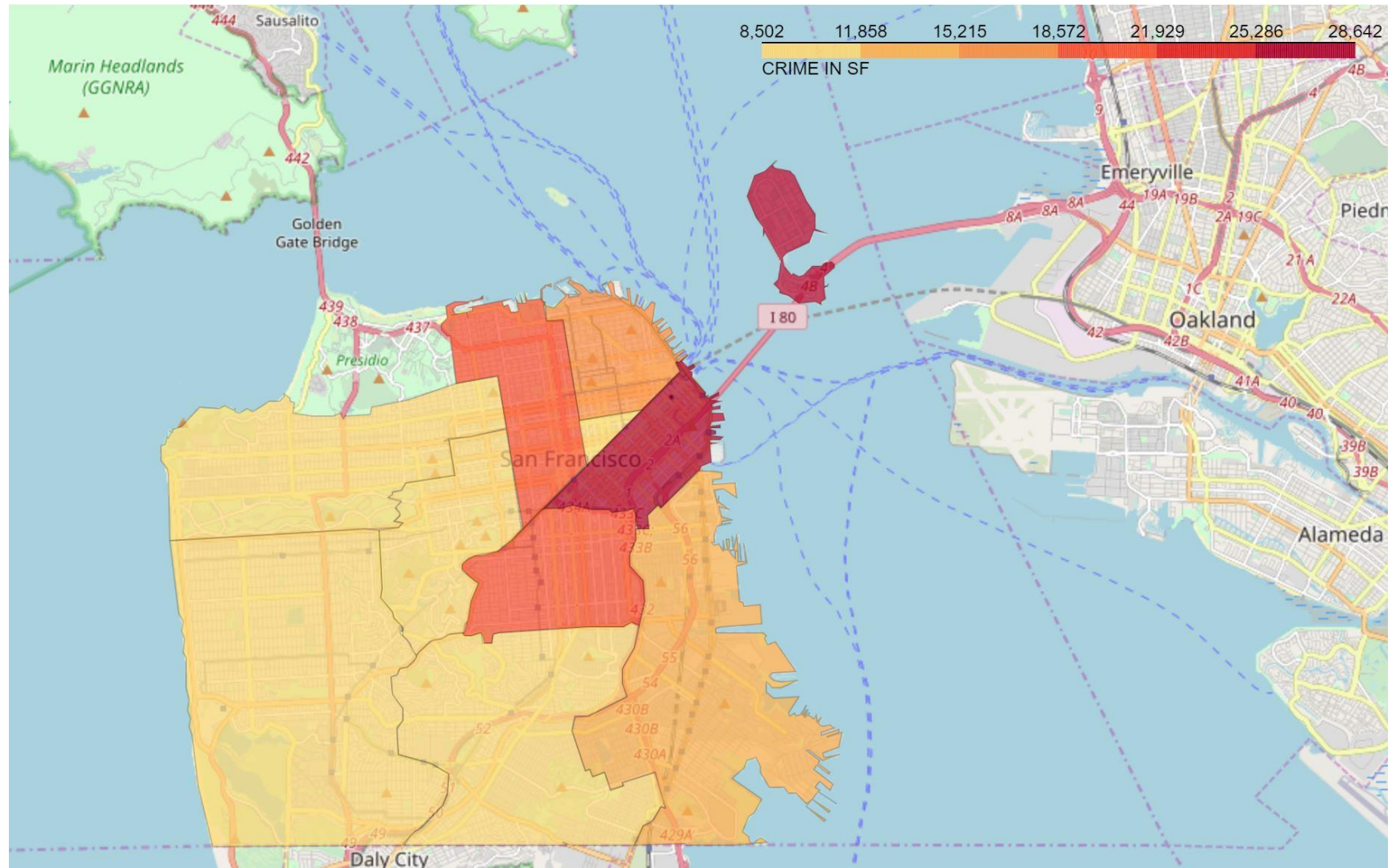
Data

	IncidntNum	Category	Descript	DayOfWeek	Date	Time	PdDistrict	Resolution	Address	X
0	120058272	WEAPON LAWS	POSS OF PROHIBITED WEAPON	Friday	01/29/2016 12:00:00 AM	11:00	SOUTHERN	ARREST, BOOKED	800 Block of BRYANT ST	-122.403
1	120058272	WEAPON LAWS	FIREARM, LOADED, IN VEHICLE, POSSESSION OR USE	Friday	01/29/2016 12:00:00 AM	11:00	SOUTHERN	ARREST, BOOKED	800 Block of BRYANT ST	-122.403
2	141059263	WARRANTS	WARRANT ARREST	Monday	04/25/2016 12:00:00 AM	14:59	BAYVIEW	ARREST, BOOKED	KEITH ST / SHAFTER AV	-122.388
3	160013662	NON-CRIMINAL	LOST PROPERTY	Tuesday	01/05/2016 12:00:00 AM	23:50	TENDERLOIN	NONE	JONES ST / OFARRELL ST	-122.412
4	160002740	NON-CRIMINAL	LOST PROPERTY	Friday	01/01/2016 12:00:00 AM	00:30	MISSION	NONE	16TH ST / MISSION ST	-122.419

Methodology

We analysis data to view the total number of crimes in each neighborhood (Central, Northern, Park, Southern, Mission, Tenderloin, Richmond, Taraval, Ingleside, Bayview). After that, we use map of San Francisco to visualize this data. With the number, we can view areas where have a high-rate crime. And with map we can see easily about the area where safe.

Results.

	Neighborhood	COUNT
0	CENTRAL	17666
1	NORTHERN	20100
2	PARK	8699
3	SOUTHERN	28445
4	MISSION	19503
5	TENDERLOIN	9942
6	RICHMOND	8922
7	TARAVAL	11325
8	INGLESIDE	11594
9	BAYVIEW	14303

Conclusion

The highest rate is in Southern and the lowest rate is in Park. After reviewing rate of crime map, we recommend that people can choose some neighborhood to living such as park, tenderloin, Richmond.