



# **Problem STATEMENT:**

**To make dashboard for the impact of  
Emergency in Montgomery Pennsylvania  
country.**





# Objective:

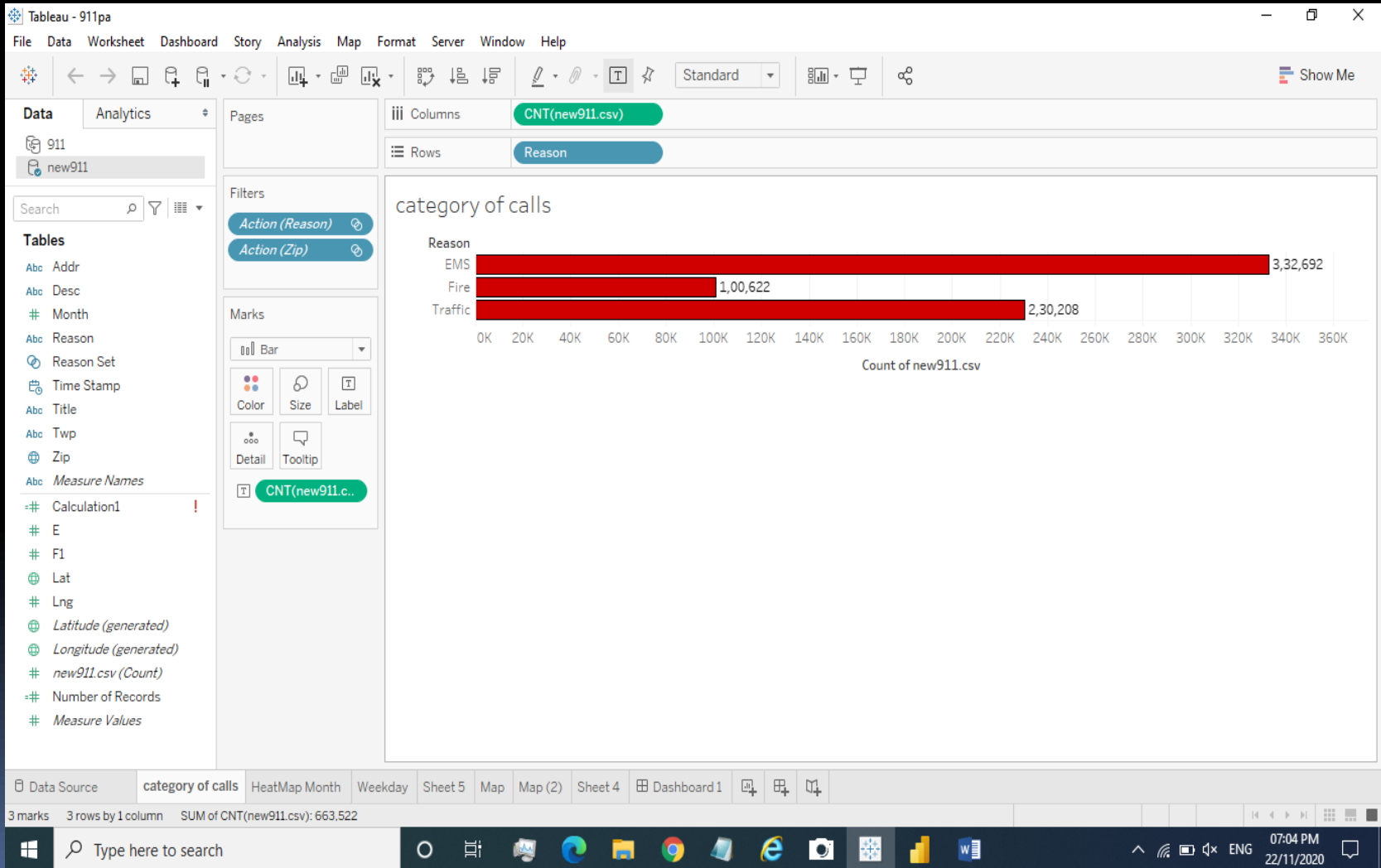
- ❑ To do preprocessing of data and make proper dataset for analyze the data using jupyter notebook.
- ❑ To find out what type of Emergency occurs many time using given dataset with the help of graphs views.
- ❑ To analyse Data and find out dangerous location where Emergency occurs major time using map view.
- ❑ To make an intuitive dashboard on the data using Tableau

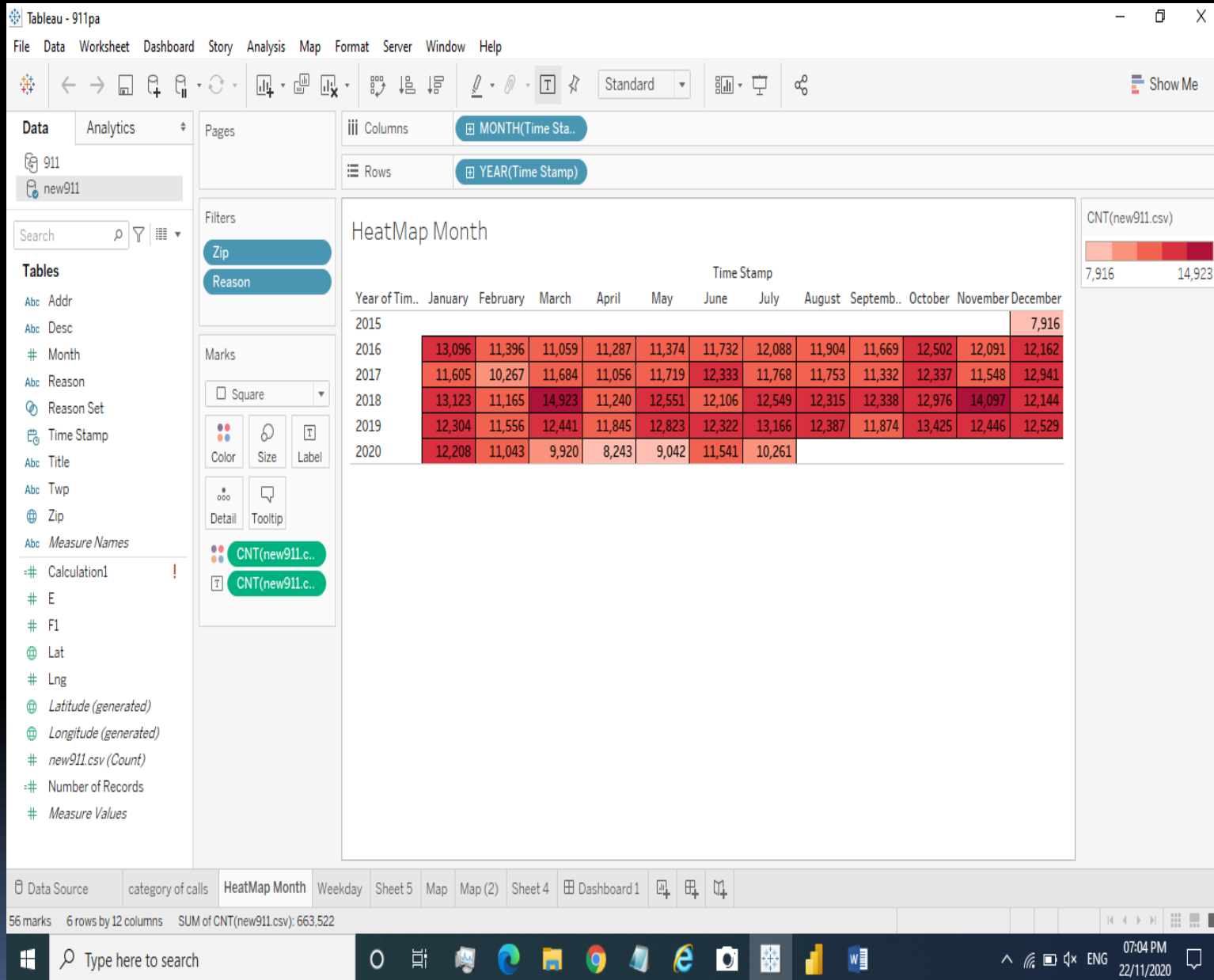


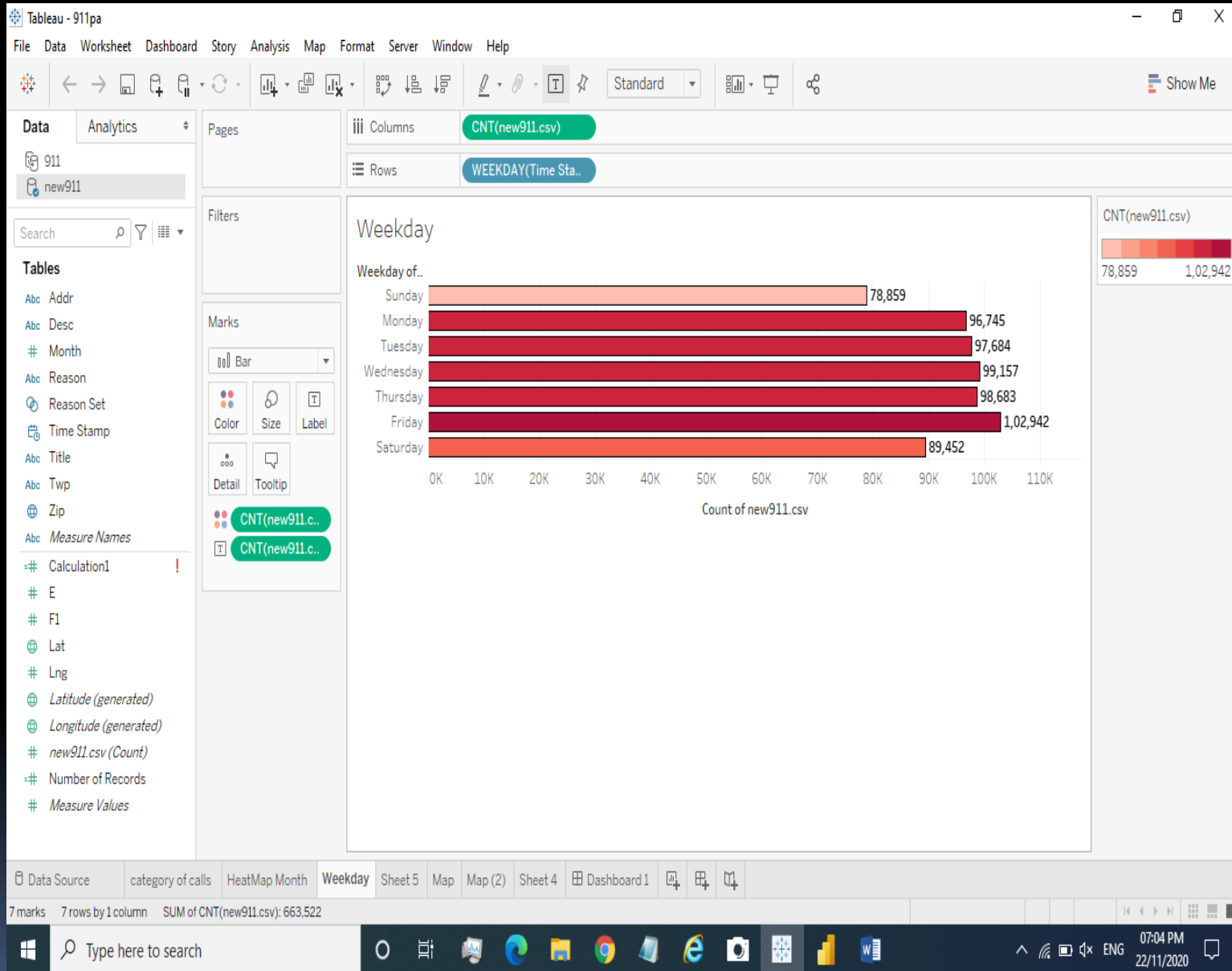
# Dataset information:

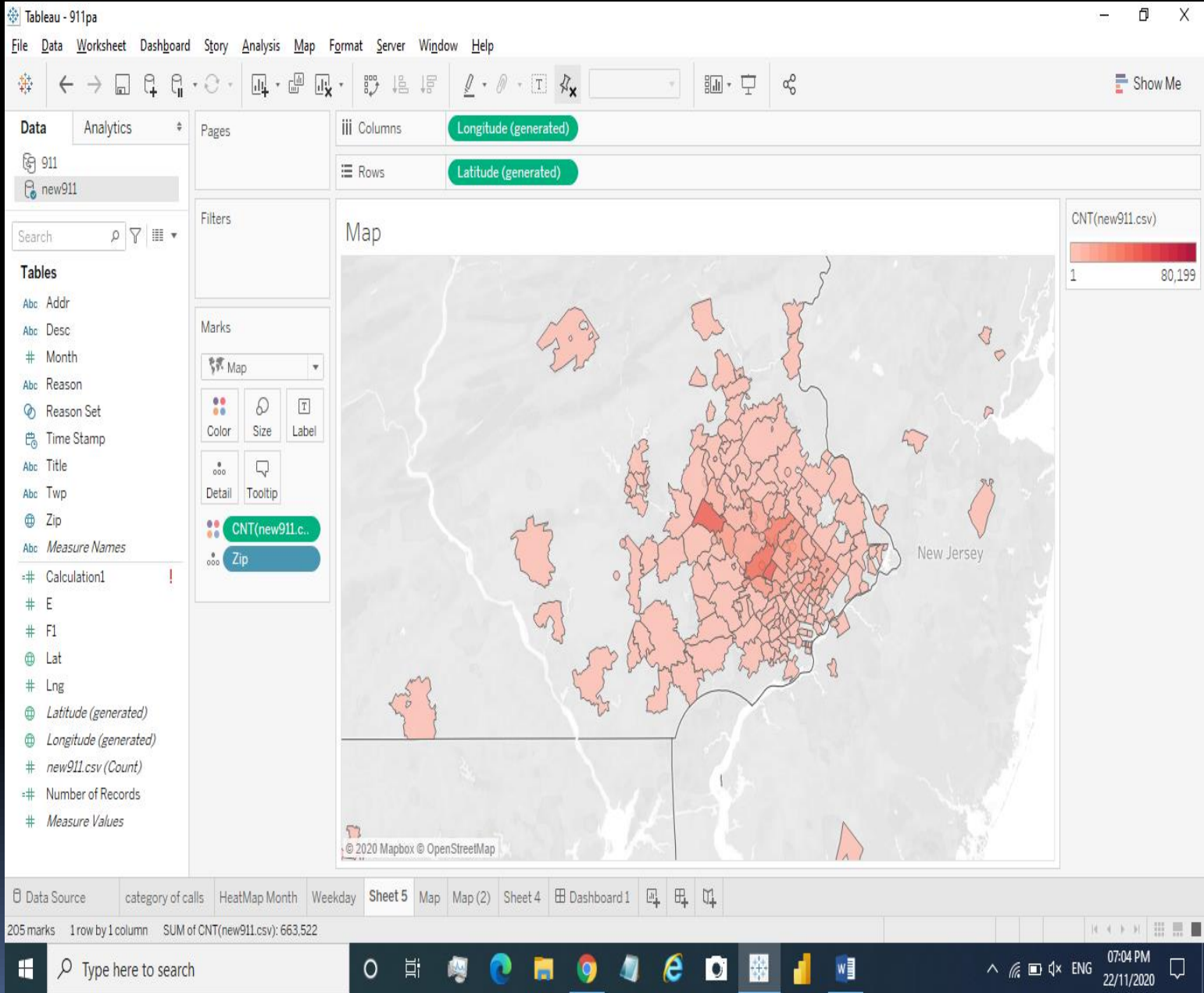
- This data-set contains the information of 911 emergency dialed calls from Montgomery Pennsylvania.
- We have included latitude, longitude, zip code, district, station number to know the exact location of caller.
- We have also added incident details like medical/fire/police emergencies, time stamps, week-days to know the condition better.
- Total emergencies contacts, tower and traffic helps us to determine and provide better and fast services to the caller.
- We hope this data will be helpful to counter such disasters people face everyday.

# OUTPUTS:

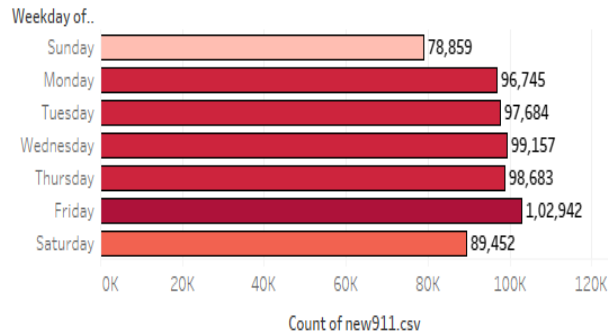




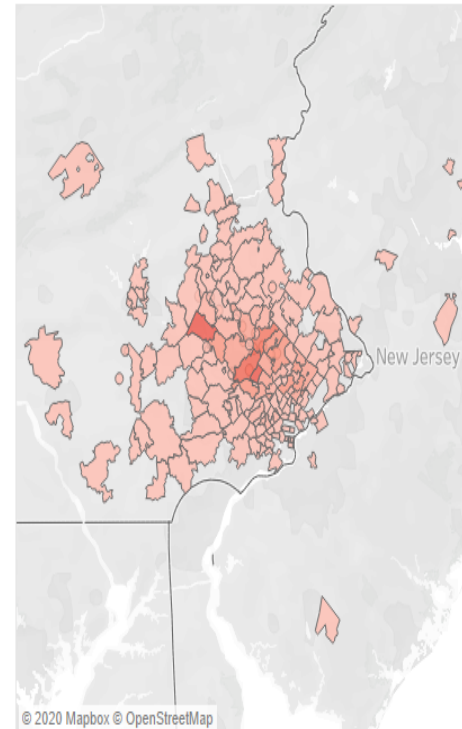




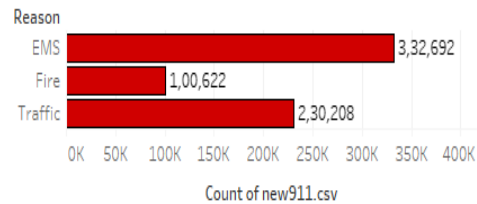
## Weekday



## Map

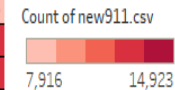


## category of calls



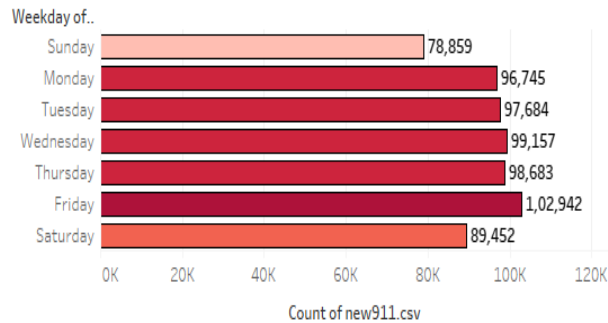
## HeatMap Month

Year of Tim..	Time Stamp											
	January	February	March	April	May	June	July	August	Septemb..	October	November	December
2015												7,916
2016	13,096	11,396	11,059	11,287	11,374	11,732	12,088	11,904	11,669	12,502	12,091	12,162
2017	11,605	10,267	11,684	11,056	11,719	12,333	11,768	11,753	11,332	12,337	11,548	12,941
2018	13,123	11,165	14,923	11,240	12,551	12,106	12,549	12,315	12,338	12,976	14,097	12,144
2019	12,304	11,556	12,441	11,845	12,823	12,322	13,166	12,387	11,874	13,425	12,446	12,529
2020	12,208	11,043	9,920	8,243	9,042	11,541	10,261					

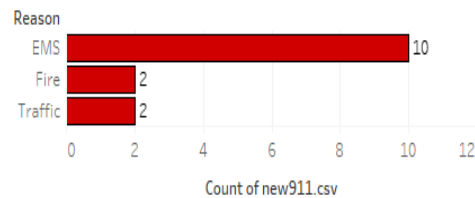




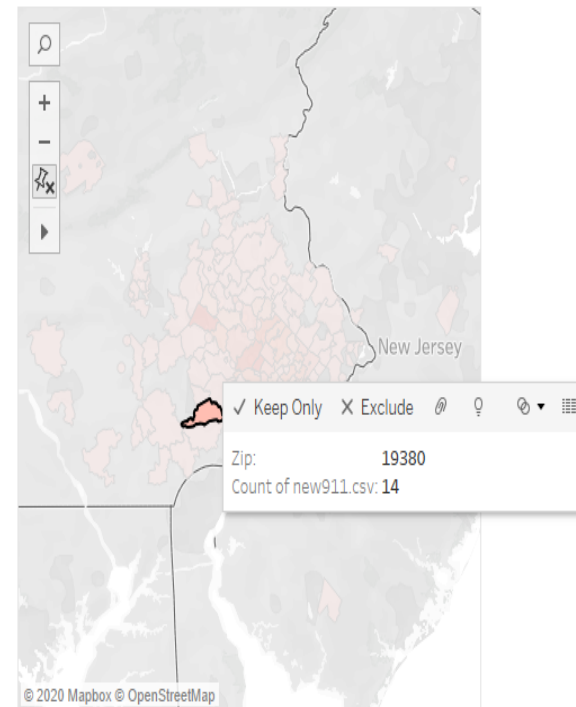
## Weekday



## category of calls

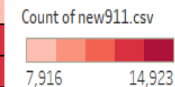


## Map



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# Inference:

- According to week day sheet most of emergencies happened in Friday and on Sunday less emergencies are happened.
  - Categories of call shows medical emergencies call comes more than other emergencies also emergency call for fire is less.
  - In March 2018 and November 2018 highest number of emergency call came from people and in April and May 2020 people made less number of call.
  - Zip 19403 and 19401 are highest emergency call spot and most of call came for medical emergency.
  - According to map view most of emergencies happened middle part of country.
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