

```
In [6]: import pandas as pd
import numpy as np
data = "311_Service_Requests_2020.csv"
df = pd.read_csv(data)

/Users/zhengyingxiang/opt/anaconda3/envs/dataanalytics/lib/python3.8/site-packages/IPython/core/interactiveshell.py:3441: DtypeWarning: Columns (20,31,32) have mixed types.Specify dtype option on import or set low_memory=False.
exec(code_obj, self.user_global_ns, self.user_ns)
```

```
In [7]: df
```

Out[7]:

	Unique Key	Created Date	Closed Date	Agency	Agency Name	Complaint Type	Descriptor	Location
0	45285347	01/01/2020 12:00:00 AM	01/10/2020 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	3 or More	Restaurant/Bar/Deli/B
1	45285651	01/01/2020 12:00:00 AM	01/02/2020 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Restaurant/Bar/Deli/B
2	45285821	01/01/2020 12:00:00 AM	01/02/2020 09:50:09 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Other (Explain B
3	45287907	01/01/2020 12:00:00 AM	01/02/2020 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	3 or More	Restaurant/Bar/Deli/B
4	45288240	01/01/2020 12:00:00 AM	01/02/2020 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Restaurant/Bar/Deli/B
...	...	...	...	...	...	...	...	
2587311	48536847	12/31/2020 12:00:00 AM	12/31/2020 02:10:48 PM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	3 or More	Restaurant/Bar/Deli/B
2587312	48537845	12/31/2020 12:00:00 AM	12/31/2020 02:10:13 PM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Other (Explain B
2587313	48536999	12/31/2020 12:00:00 AM	01/06/2021 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Restaurant/Bar/Deli/B
2587314	48538698	12/31/2020 12:00:00 AM	12/31/2020 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Restaurant/Bar/Deli/B
2587315	48543111	12/31/2020 12:00:00 AM	12/31/2020 12:00:01 AM	DOHMH	Department of Health and Mental Hygiene	Food Poisoning	1 or 2	Restaurant/Bar/Deli/B

2587316 rows x 41 columns

```
In [14]: top10=pd.Series(df[df['Incident Zip']==10025]['Complaint Type']).value_counts().head(10)
top10
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Out[14]: Noise - Residential          2952
Noise - Street/Sidewalk            2128
HEAT/HOT WATER                    1885
Noise                              1131
Illegal Parking                    792
Noise - Vehicle                    787
Non-Emergency Police Matter        773
Rodent                             691
Illegal Fireworks                  672
UNSANITARY CONDITION              565
Name: Complaint Type, dtype: int64
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In [ ]:
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