

# Milwaukee City Property Mailing List Resident Data Analysis

```
In [8]: import pandas as pd
import requests
from io import StringIO
address_url = 'https://data.milwaukee.gov/dataset/df4127ba-2fb4-40d8-b5bd-14fbf8729'
headers = {'User-Agent': 'Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537'}
response = requests.get(address_url, headers=headers)
data = StringIO(response.text)
delinquents = pd.read_csv(data)
delinquents.head()
```

Out[8]:

	<b>Occupant Mailing Address</b>	<b>ALD</b>	<b>NSP</b>	<b>POLICE</b>	<b>TRACTBLOCK</b>	<b>WARD</b>	<b>SafeSoundDistrict</b>	<b>ZIP</b>
0	Current Occupant\r\n100 E CONCORDIA AVE\r\nMIL...	6	6.0	5	6900	116	Harambee North	53212
1	Current Occupant\r\n100 E MEINECKE AVE\r\nMILW...	6	6.0	5	185600	137	Hillside Harambee South	53212
2	Current Occupant\r\n100 N 70TH ST\r\nMILWAUKEE...	10	NaN	3	12900	203	NaN	53213
3	Current Occupant\r\n100 N 75TH ST\r\nMILWAUKEE...	10	NaN	3	12900	203	NaN	53213
4	Current Occupant\r\n100 N 76TH ST\r\nMILWAUKEE...	10	NaN	3	12900	203	NaN	53213

```
In [9]: sorted_data = delinquents.sort_values(by='PROPERTY ADDRESS')
sorted_data.head()
```

Out[9]:

	Occupant Mailing Address	ALD	NSP	POLICE	TRACTBLOCK	WARD	SafeSoundDistrict	ZIP
0	Current Occupant\r\n100 E CONCORDIA AVE\r\nMIL...	6	6.0	5	6900	116	Harambee North	53212
1	Current Occupant\r\n100 E MEINECKE AVE\r\nMILW...	6	6.0	5	185600	137	Hillside Harambee South	53212
2	Current Occupant\r\n100 N 70TH ST\r\nMILWAUKEE...	10	NaN	3	12900	203	NaN	53213
3	Current Occupant\r\n100 N 75TH ST\r\nMILWAUKEE...	10	NaN	3	12900	203	NaN	53213
4	Current Occupant\r\n100 N 76TH ST\r\nMILWAUKEE...	10	NaN	3	12900	203	NaN	53213



In [10]: `ward_counts = delinquents['WARD'].value_counts()  
ward_counts.head()`

Out[10]: WARD

```
175    2136
4      2113
180    2099
174    1955
173    1905
Name: count, dtype: int64
```

In [ ]: