


```
import numpy as np
import pandas as pd # Import the pandas library and give it the alias 'pd'
import matplotlib.pyplot as plt
```


```
mlawisedata = pd.read_excel("/MLADATA.xlsx")
df1 = pd.DataFrame(mlawisedata)
mpwisedata = pd.read_excel("/MPWISE.xlsx")
df2 = pd.DataFrame(mpwisedata)
centralwisedata = pd.read_excel("/CENTRALWISE.xlsx")
df3 = pd.DataFrame(centralwisedata)
```

```
df1.head(5)
```




	Constituency	Candidate	Party	Margin
0	Gajuwaka	PALLA SRINIVAS RAO	Telugu Desam	95235
1	Bhimili	GANTA SRINIVASA RAO	Telugu Desam	92401
2	Mangalagiri	NARA LOKESH	Telugu Desam	91413
3	Pendurthi	PANCHAKARLA RAMESH BABU	Janasena Party	81870
4	Nellore City	NARAYANA PONGURU	Telugu Desam	72489

```
df2.head(5)
```




	Constituency	Candidate	Party	Margin
0	Visakhapatnam	SRIBHARAT MATHUKUMILI	Telugu Desam	504247
1	Guntur	DR CHANDRA SEKHAR PEMMASANI	Telugu Desam	344695
2	Amalapuram	G M HARISH	Telugu Desam	342196
3	Srikakulam	KINJARAPU RAMMOHAN NAIDU	Telugu Desam	327901
4	Anakapalle	C.M.RAMESH	Bharatiya Janata Party	296530

```
df3.head(5)
```




Unnamed: 0				Unnamed: 1	Unnamed: 2
0	PARTY		NO OF SEATS		VOTE SHARE
1	Bharatiya Janata Party - BJP		240		0.3656
2	Indian National Congress - INC		99		0.2119
3	Samajwadi Party - SP		37		0.0458
4	All India Trinamool Congress - AITC		29		0.0437

df1.tail(5)



Constituency		Candidate		Party	Margin
35	NAMTHANG-RATEYPANI	SANJEET KHAREL	Sikkim Krantikari Morcha		5605
36	NAMCHI-SINGHITHANG	KRISHNA KUMARI RAI	Sikkim Krantikari Morcha		5302
37	DJONGU	PINTSO NAMGYAL LEPCHA	Sikkim Krantikari Morcha		5007
38	YUKSOM TASHIDING	TSHERING THENDUP BHUTIA	Sikkim Krantikari Morcha		4812
39	BARFUNG	RIKSHAL DORJEE BHUTIA	Sikkim Krantikari Morcha		4346

df2.tail(5)




Constituency		Candidate		Party	Margin
26	Bhadrak	AVIMANYU SETHI	Bharatiya Janata Party		91544
27	Nabarangpur	BALABHADRA MAJHI	Bharatiya Janata Party		87536
28	Arunachal East	TAPIR GAO	Bharatiya Janata Party		30421
29	Arunachal West	KIREN RIJIJU	Bharatiya Janata Party		100738
30	Sikkim	INDRA HANG SUBBA	Sikkim Krantikari Morcha		80830

df3.tail(5)



	Unnamed: 0	Unnamed: 1	Unnamed: 2
4	All India Trinamool Congress - AITC	29	0.0437
5	Dravida Munnetra Kazhagam - DMK	22	0.0182
6	Telugu Desam - TDP	16	0.0198
7	Janata Dal (United) - JD(U)	12	0.0125
8	Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	9	0.0148

```
df1.describe()
```



	Margin
count	40.000000
mean	32180.850000
std	31168.734185
min	2871.000000
25%	5525.500000
50%	21910.000000
75%	56168.500000
max	95235.000000

```
df2.describe()
```

	Margin
count	31.000000
mean	198042.580645
std	102572.650136
min	30421.000000
25%	112272.500000
50%	208031.000000
75%	250509.000000
max	504247.000000

```
df3.describe()
```

	Unnamed: 0	Unnamed: 1	Unnamed: 2
count	9	9	9
unique	9	9	9
top	PARTY	NO OF SEATS	VOTE SHARE
freq	1	1	1

```
df1.shape
```

(40, 4)

```
df2.shape
```

(31, 4)

```
df3.shape
```

(9, 3)

```
df1.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 40 entries, 0 to 39
Data columns (total 4 columns):
```

```

#   Column      Non-Null Count  Dtype
---  -
0   Constituency 40 non-null    object
1   Candidate     40 non-null    object
2   Party         40 non-null    object
3   Margin        40 non-null    int64
dtypes: int64(1), object(3)
memory usage: 1.4+ KB

```

```
df2.info()
```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 31 entries, 0 to 30
Data columns (total 4 columns):
#   Column      Non-Null Count  Dtype
---  -
0   Constituency 31 non-null    object
1   Candidate     31 non-null    object
2   Party         31 non-null    object
3   Margin        31 non-null    int64
dtypes: int64(1), object(3)
memory usage: 1.1+ KB

```

```
df3.info()
```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 9 entries, 0 to 8
Data columns (total 3 columns):
#   Column      Non-Null Count  Dtype
---  -
0   Unnamed: 0   9 non-null    object
1   Unnamed: 1   9 non-null    object
2   Unnamed: 2   9 non-null    object
dtypes: object(3)
memory usage: 344.0+ bytes

```

```
df1.isnull().sum()
```

```

Constituency    0
Candidate        0
Party            0
Margin           0
dtype: int64

```

```
df2.isnull().sum()
```

```

Constituency    0
Candidate        0

```

```
Party      0
Margin     0
dtype: int64
```

```
df3.isnull().sum()
```