

MAHARASTRA ELECTION 2019 DATA ANALYSIS

Importing all required libraries

```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
import geopandas as gd
from shapely.geometry import Point
from warnings import filterwarnings
filterwarnings("ignore")
```

Reading data from the file

```
df = pd.read_csv("maharashtra_AC_2019.csv")
```

Checking for all unwanted columns from the dataset

```
df.head()
```

	Unnamed: 0	State	AC_No	AC	Type \
0	0	Maharashtra	1	Akkalkuwa	ST
1	1	Maharashtra	2	Shahada	ST
2	2	Maharashtra	3	Nandurbar	ST
3	3	Maharashtra	4	Nawapur	ST
4	4	Maharashtra	5	Sakri	ST

MLA Total Electors			
Turnout \			
0	Adv. K. C. Padavi (INC)	2,74,595	1,95,771
(73.06 %)			
1	Rajesh Udesing Padvi (BJP)	3,16,890	2,06,944
(66.39 %)			
2	Vijaykumar Krushnarao Gavit (BJP)	3,36,325	1,84,968
(56.04 %)			
3	Naik Shirishkumar Surupsing (INC)	2,87,031	2,12,713
(75.83 %)			
4	Manjula Tulshiram Gavit (IND)	3,39,027	2,03,951
(61.38 %)			

	Polling Date	Counting Date	...	Male \
0	21 October 2019	24 October 2019	...	1,22,375 (50.9 %)
1	21 October 2019	24 October 2019	...	1,42,465 (51.2 %)
2	21 October 2019	24 October 2019	...	1,57,219 (51.1 %)
3	21 October 2019	24 October 2019	...	1,32,891 (49.9 %)
4	21 October 2019	24 October 2019	...	1,59,112 (52.1 %)

	Female	other	\
0	1,18,199 (49.1 %)	0 (0.0 %)	
1	1,35,659 (48.8 %)	0 (0.0 %)	
2	1,50,314 (48.9 %)	0 (0.0 %)	
3	1,33,559 (50.1 %)	0 (0.0 %)	
4	1,46,452 (47.9 %)	0 (0.0 %)	

	Candidates	\
0	[['Adv. K. C. Padavi', 'INC', 82770, 42.3, '-']...	
1	[['Rajesh Udesing Padvi', 'BJP', 94931, 45.9, ...	
2	[['Vijaykumar Krushnarao Gavit', 'BJP', 121605...	
3	[['Naik Shirishkumar Surupsing', 'INC', 74652,...	
4	[['Manjula Tulshiram Gavit', 'IND', 76166, 37....	

	Age	\
0	[['Male', '20,151 (8.4 %)', '32,863 (13.7 %)...	
1	[['Male', '17,274 (6.2 %)', '34,194 (12.3 %)...	
2	[['Male', '19,283 (6.3 %)', '35,911 (11.7 %)...	
3	[['Male', '16,524 (6.2 %)', '30,165 (11.3 %)...	
4	[['Male', '17,087 (5.6 %)', '36,546 (12.0 %)...	

	Age-young	AC Name	\
0	[[18, 842, 641, 0, '1,483 (0.6 %)'], [19, 187...	Akkalkuwa	
1	[[18, 498, 323, 0, '821 (0.3 %)'], [19, 1714,...	Shahada	
2	[[18, 728, 414, 0, '1,142 (0.4 %)'], [19, 239...	Nandurbar	
3	[[18, 509, 386, 0, '895 (0.3 %)'], [19, 1852,...	Nawapur	
4	[[18, 965, 497, 0, '1,462 (0.5 %)'], [19, 158...	Sakri	

	Party	Region	District
0	Indian National Congress	North Maharashtra - Nashik	Nandurbar
1	Bharatiya Janta Party	North Maharashtra - Nashik	Nandurbar
2	Bharatiya Janta Party	North Maharashtra - Nashik	Nandurbar
3	Indian National Congress	North Maharashtra - Nashik	Nandurbar
4	Independent	North Maharashtra - Nashik	Dhule

[5 rows x 21 columns]

df.tail()

	Unnamed: 0	State	AC_No	AC Type	\
283	283	Maharashtra	284	Shirala	GEN
284	284	Maharashtra	285	Palus-Kadegaon	GEN
285	285	Maharashtra	286	Khanapur	GEN
286	286	Maharashtra	287	Tasgaon-Kavathe Mahankal	GEN
287	287	Maharashtra	288	Jath	GEN

	Turnout	MLA Total Electors
283	Mansing Fattesingrao Naik (NCP)	2,91,938 2,27,861

(78.54 %)
 284 Kadam Vishwajeet Patangrao (INC) 2,75,988 1,85,886
 (74.83 %)
 285 Anilbhau Babar (SHS) 3,21,932 2,13,943
 (67.37 %)
 286 Sumanvahini R.R. (Aba) Patil (NCP) 2,94,333 1,99,528
 (68.38 %)
 287 Vikramsinh Balasaheb Sawant (INC) 2,70,763 1,74,339
 (64.79 %)

	Polling Date	Counting Date	...	Male \
283	21 October 2019	24 October 2019	...	1,43,617 (52.2 %)
284	21 October 2019	24 October 2019	...	1,33,905 (51.4 %)
285	21 October 2019	24 October 2019	...	1,55,345 (52.3 %)
286	21 October 2019	24 October 2019	...	1,40,177 (52.5 %)
287	21 October 2019	24 October 2019	...	1,27,241 (53.5 %)

	Female	other \
283	1,31,763 (47.8 %)	0 (0.0 %)
284	1,26,722 (48.6 %)	0 (0.0 %)
285	1,41,939 (47.7 %)	0 (0.0 %)
286	1,26,776 (47.5 %)	0 (0.0 %)
287	1,10,560 (46.5 %)	0 (0.0 %)

	Candidates \
283	[['Mansing Fattesingrao Naik', 'NCP', 101933, ...
284	[['Kadam Vishwajeet Patangrao', 'INC', 171497, ...
285	[['Anilbhau Babar', 'SHS', 116974, 54.7, '-'], ...
286	[['Sumanvahini R.R. (Aba) Patil', 'NCP', 12837, ...
287	[['Vikramsinh Balasaheb Sawant', 'INC', 87184, ...

	Age \
283	[['Male', '17,043 (6.2 %)', '31,169 (11.3 %) ...
284	[['Male', '16,773 (6.4 %)', '28,672 (11.0 %) ...
285	[['Male', '17,333 (5.8 %)', '32,810 (11.0 %) ...
286	[['Male', '14,498 (5.4 %)', '28,503 (10.7 %) ...
287	[['Male', '14,013 (5.9 %)', '28,593 (12.0 %) ...

	Age-young \
283	[[18, 650, 221, 0, '871 (0.3 %)', [19, 1759, ...
284	[[18, 759, 406, 0, '1,165 (0.4 %)', [19, 196...]
285	[[18, 703, 299, 0, '1,002 (0.3 %)', [19, 192...]
286	[[18, 392, 144, 0, '536 (0.2 %)', [19, 1678, ...]
287	[[18, 303, 134, 0, '437 (0.2 %)', [19, 1265, ...]

	AC Name	Party \
283	Shirala	Nationalist Congress Party
284	Palus-Kadegaon	Indian National Congress
285	Khanapur	Shiv Sena
286	Tasgaon-Kavathe Mahankal	Nationalist Congress Party

287		Jath	Indian National Congress
		Region	District
283	West	Maharashtra - Pune	Sangli
284	West	Maharashtra - Pune	Sangli
285	West	Maharashtra - Pune	Sangli
286	West	Maharashtra - Pune	Sangli
287	West	Maharashtra - Pune	Sangli

[5 rows x 21 columns]

From the above analysis we come to know that there are some columns which have unorganized data in the dataset. Columns such as **Unnamed:0**, **State**, **Polling Date**, **Result Date**, **Counting Date**, **other**, **Candidates**, **Age**, **Age-young**, **AC Name** are unwanted as well as have the data in unorganized way.

So we will remove these columns using the **DROP** function. After then we will store the updated data in the another file in the **csv** format.

We will store the new data in new file using **to_csv** function.

```
df.columns
Index(['Unnamed: 0', 'State', 'AC_No', 'AC', 'Type', 'MLA', 'Total Electors',
      'Turnout', 'Polling Date', 'Counting Date', 'Result Date',
      'Male',
      'Female', 'other', 'Candidates', 'Age', 'Age-young', 'AC Name',
      'Party',
      'Region', 'District'],
      dtype='object')

df = df.drop(['Unnamed: 0', 'State', 'Polling Date', 'Counting Date', 'Result Date', 'other', 'Candidates', 'Age', 'Age-young', 'AC Name'], axis=1)

file_path = 'maharashtra_election_2019.csv'

# Save the DataFrame to a new CSV file
df.to_csv(file_path, index=False)

print(f"New data saved to {file_path}")

-----
-----
KeyError                                Traceback (most recent call last)
Cell In[77], line 1
----> 1 df = df.drop(['Unnamed: 0', 'State', 'Polling Date', 'Counting Date', 'Result Date', 'other', 'Candidates', 'Age', 'Age-young', 'AC
```

```
Name'], axis=1)
    3 file_path = 'maharashtra_election_2019.csv'
    5 df.to_csv(file_path, index=False)
```

File ~\AppData\Local\Programs\Python\Python311\Lib\site-packages\pandas\core\frame.py:5347, in DataFrame.drop(self, labels, axis, index, columns, level, inplace, errors)

```
    5199 def drop(
    5200     self,
    5201     labels: IndexLabel | None = None,
    5202     (...)
    5203     errors: IgnoreRaise = "raise",
    5204 ) -> DataFrame | None:
    5210     """
    5211     Drop specified labels from rows or columns.
    5212     (...)
    5345         weight  1.0      0.8
    5346     """
-> 5347     return super().drop(
    5348         labels=labels,
    5349         axis=axis,
    5350         index=index,
    5351         columns=columns,
    5352         level=level,
    5353         inplace=inplace,
    5354         errors=errors,
    5355     )
```

File ~\AppData\Local\Programs\Python\Python311\Lib\site-packages\pandas\core\generic.py:4711, in NDFrame.drop(self, labels, axis, index, columns, level, inplace, errors)

```
    4709 for axis, labels in axes.items():
    4710     if labels is not None:
-> 4711         obj = obj._drop_axis(labels, axis, level=level,
errors=errors)
    4713 if inplace:
    4714     self._update_inplace(obj)
```

File ~\AppData\Local\Programs\Python\Python311\Lib\site-packages\pandas\core\generic.py:4753, in NDFrame._drop_axis(self, labels, axis, level, errors, only_slice)

```
    4751     new_axis = axis.drop(labels, level=level,
errors=errors)
    4752     else:
-> 4753         new_axis = axis.drop(labels, errors=errors)
    4754     indexer = axis.get_indexer(new_axis)
    4756 # Case for non-unique axis
    4757 else:
```

```
File ~\AppData\Local\Programs\Python\Python311\Lib\site-packages\
pandas\core\indexes\base.py:6992, in Index.drop(self, labels, errors)
    6990 if mask.any():
    6991     if errors != "ignore":
-> 6992         raise KeyError(f"{labels[mask].tolist()} not found in
axis")
    6993     indexer = indexer[~mask]
    6994 return self.delete(indexer)
```

```
KeyError: "[ 'Unnamed: 0', 'State', 'Polling Date', 'Counting Date',
'Result Date', 'other', 'Candidates', 'Age', 'Age-young', 'AC Name']
not found in axis"
```

New updated data has been stored in the new file which is in the format of **csv**. The new file is name as **maharashtra_election_2019**.

Now we will read and store this new file in the new variable. And then we will play all operation based on the new data file which is stored in the new variable.

```
df1 = pd.read_csv("maharashtra_election_2019.csv")
```

```
df1.head()
```

	AC_No		AC Type	MLA	Total
Electors	\				
0	1	Akkalkuwa	ST	Adv. K. C. Padavi (INC)	
2,74,595					
1	2	Shahada	ST	Rajesh Udesing Padvi (BJP)	
3,16,890					
2	3	Nandurbar	ST	Vijaykumar Krushnarao Gavit (BJP)	
3,36,325					
3	4	Nawapur	ST	Naik Shirishkumar Surupsing (INC)	
2,87,031					
4	5	Sakri	ST	Manjula Tulshiram Gavit (IND)	
3,39,027					

	Turnout	Male	Female	\
0	1,95,771 (73.06 %)	1,22,375 (50.9 %)	1,18,199 (49.1 %)	
1	2,06,944 (66.39 %)	1,42,465 (51.2 %)	1,35,659 (48.8 %)	
2	1,84,968 (56.04 %)	1,57,219 (51.1 %)	1,50,314 (48.9 %)	
3	2,12,713 (75.83 %)	1,32,891 (49.9 %)	1,33,559 (50.1 %)	
4	2,03,951 (61.38 %)	1,59,112 (52.1 %)	1,46,452 (47.9 %)	

	Party	Region	District
0	Indian National Congress	North Maharashtra - Nashik	Nandurbar
1	Bharatiya Janta Party	North Maharashtra - Nashik	Nandurbar
2	Bharatiya Janta Party	North Maharashtra - Nashik	Nandurbar
3	Indian National Congress	North Maharashtra - Nashik	Nandurbar
4	Independent	North Maharashtra - Nashik	Dhule

```
df.tail()
```

	AC_No		AC Type \
283	284	Shirala	GEN
284	285	Palus-Kadegaon	GEN
285	286	Khanapur	GEN
286	287	Tasgaon-Kavathe Mahankal	GEN
287	288	Jath	GEN

MLA Total Electors

Turnout \			
283	Mansing Fattesingrao Naik (NCP)	2,91,938	2,27,861 (78.54 %)
284	Kadam Vishwajeet Patangrao (INC)	2,75,988	1,85,886 (74.83 %)
285	Anilbhau Babar (SHS)	3,21,932	2,13,943 (67.37 %)
286	Sumanvahini R.R. (Aba) Patil (NCP)	2,94,333	1,99,528 (68.38 %)
287	Vikramsinh Balasaheb Sawant (INC)	2,70,763	1,74,339 (64.79 %)

	Male	Female	
Party \			
283	1,43,617 (52.2 %)	1,31,763 (47.8 %)	Nationalist Congress Party
284	1,33,905 (51.4 %)	1,26,722 (48.6 %)	Indian National Congress
285	1,55,345 (52.3 %)	1,41,939 (47.7 %)	Shiv Sena
286	1,40,177 (52.5 %)	1,26,776 (47.5 %)	Nationalist Congress Party
287	1,27,241 (53.5 %)	1,10,560 (46.5 %)	Indian National Congress

	Region	District
283	West Maharashtra	- Pune Sangli
284	West Maharashtra	- Pune Sangli
285	West Maharashtra	- Pune Sangli
286	West Maharashtra	- Pune Sangli
287	West Maharashtra	- Pune Sangli

```
df1.describe()
```

	AC_No
count	288.000000
mean	144.500000
std	83.282651
min	1.000000
25%	72.750000

```
50%    144.500000
75%    216.250000
max     288.000000
```

```
df1.info()
```

```
<class 'pandas.core.frame.DataFrame'>
```

```
RangeIndex: 288 entries, 0 to 287
```

```
Data columns (total 11 columns):
```

#	Column	Non-Null Count	Dtype
0	AC_No	288 non-null	int64
1	AC	288 non-null	object
2	Type	288 non-null	object
3	MLA	288 non-null	object
4	Total Electors	288 non-null	object
5	Turnout	288 non-null	object
6	Male	288 non-null	object
7	Female	288 non-null	object
8	Party	288 non-null	object
9	Region	288 non-null	object
10	District	288 non-null	object

```
dtypes: int64(1), object(10)
```

```
memory usage: 24.9+ KB
```

```
df1.columns
```

```
Index(['AC_No', 'AC', 'Type', 'MLA', 'Total Electors', 'Turnout',  
      'Male',  
      'Female', 'Party', 'Region', 'District'],  
      dtype='object')
```

Checking for the Null Values .

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

```
AC_No    0  
AC        0  
Type      0  
MLA       0  
Total Electors  0  
Turnout   0  
Male      0  
Female    0  
Party     0  
Region    0  
District  0  
dtype: int64
```

There are no null values in the new updated dataset.

DATA ANALYSIS

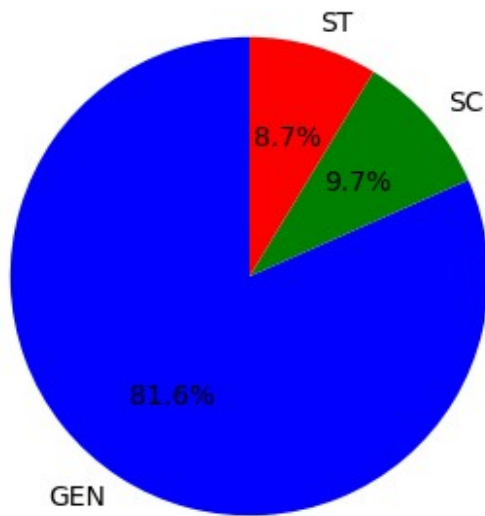
Analysis on Caste of MLA

```
df1['Type']  
0      ST  
1      ST  
2      ST  
3      ST  
4      ST  
...  
283    GEN  
284    GEN  
285    GEN  
286    GEN  
287    GEN  
Name: Type, Length: 288, dtype: object  
  
df1['Type'].unique()  
array(['ST', 'GEN', 'SC'], dtype=object)  
  
df1['Type'].value_counts()  
Type  
GEN    235  
SC      28  
ST      25  
Name: count, dtype: int64
```

GEN caste has the maximum number of MLA with the number of 235. **SC** has the total 28 number of MLA who has won the election. **ST** caste has the 25 number of MLA whi has secured their seat.

```
value_count_type = df1['Type'].value_counts()  
  
plt.figure(figsize=(6,4))  
plt.pie(value_count_type, labels = ['GEN','SC','ST'] , autopct='%1.1f%%', startangle=90,colors= ['blue','green','red'])  
plt.title("Distribution of MLA's Caste")  
  
plt.show()
```

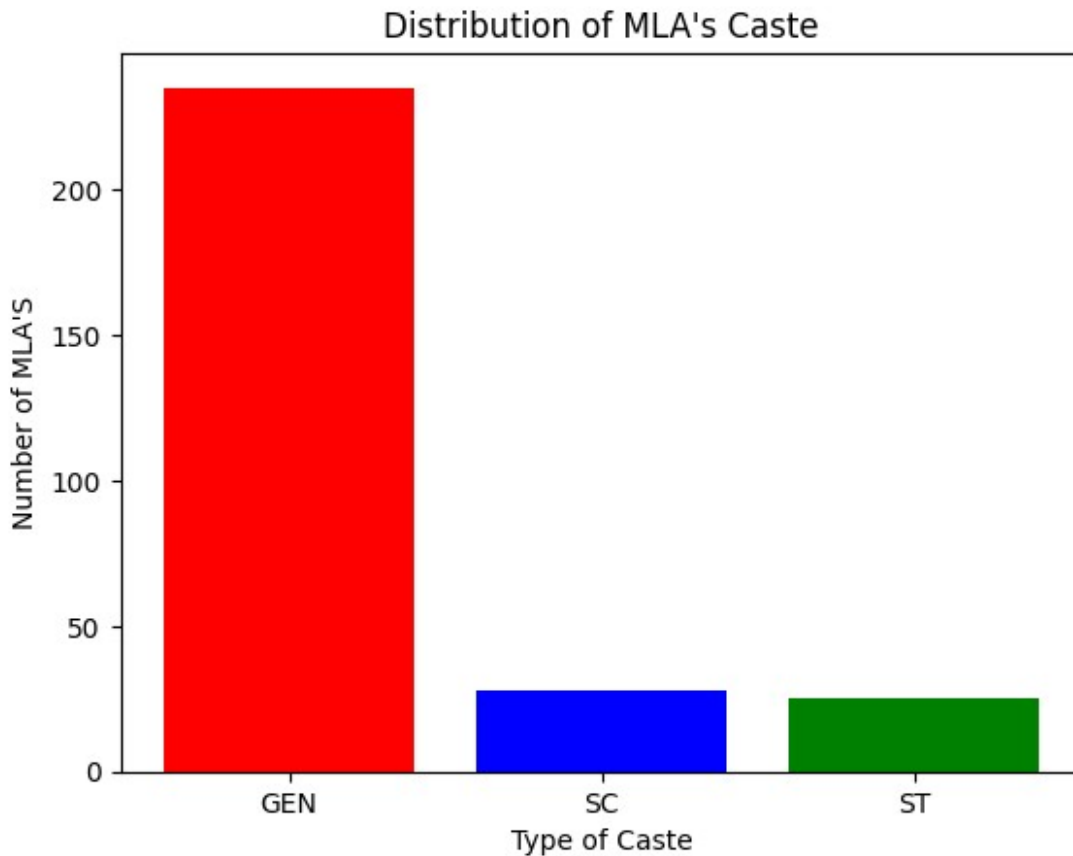
Distribution of MLA's Caste



A pie chart is a circular statistical graphic that is divided into slices to illustrate numerical proportions. Each slice represents a proportionate part of the whole dataset. The entire "pie" represents 100% of the data, and the size of each slice is proportional to the quantity it represents. Pie charts are commonly used to display categorical data and are particularly useful for showing the relative sizes of different categories within a dataset.

```
plt.bar(value_count_type.index, value_count_type.values ,
color=['red','blue','green'])
plt.title("Distribution of MLA's Caste")
plt.xlabel("Type of Caste")
plt.ylabel("Number of MLA'S")

plt.show()
```



A bar graph, also known as a bar chart, is a graphical representation of data in which rectangular bars of varying lengths are used to represent different categories or values. The length of each bar corresponds to the magnitude of the data it represents. Bar graphs are typically used to compare and display discrete categories or groups of data, making them useful for visualizing comparisons between different variables or across different time periods. The bars can be oriented either horizontally or vertically, with the horizontal orientation often used when there are many categories or long category names.

PARTIES

```
df1['Party']  
0      Indian National Congress  
1      Bharatiya Janta Party  
2      Bharatiya Janta Party  
3      Indian National Congress  
4      Independent  
...  
283    Nationalist Congress Party  
284    Indian National Congress  
285    Shiv Sena  
286    Nationalist Congress Party
```

```

287      Indian National Congress
Name: Party, Length: 288, dtype: object

df1['Party'].unique()

array(['Indian National Congress', 'Bharatiya Janta Party',
      'Independent',
      'All India Majlis-E-Ittehadul Muslimeen', 'Shiv Sena',
      'Nationalist Congress Party', 'Prahar Janshakti Party ',
      'Swabhimani Paksha', 'Peasants And Workers Party Of India',
      'Rashtriya Samaj Paksha', 'Communist Party Of India (Marxist)',
      'Bahujan Vikas Aaghadi', 'Samajwadi Party',
      'Maharashtra Navnirman Sena', 'Krantikari Shetkari Party',
      'Jan Surajya Shakti'], dtype=object)

```

There are many parties from which the MLA has won the seat. So we will find that which party has maximum MLA won the seat.

```

df1['Party'].value_counts()

Party
Bharatiya Janta Party      105
Shiv Sena                  56
Nationalist Congress Party  54
Indian National Congress   44
Independent                13
Bahujan Vikas Aaghadi      3
All India Majlis-E-Ittehadul Muslimeen  2
Prahar Janshakti Party     2
Samajwadi Party            2
Swabhimani Paksha          1
Peasants And Workers Party Of India  1
Rashtriya Samaj Paksha     1
Communist Party Of India (Marxist)  1
Maharashtra Navnirman Sena  1
Krantikari Shetkari Party  1
Jan Surajya Shakti         1
Name: count, dtype: int64

```

Bhartiya Janta Party has the maximum number of MLA who has won the seat. And following to it Shiv Sena has 2nd most maximum number of MLA who has won the election. The least number is 1 who has just 1 MLA, and there are 7 many parties with 1 MLA who has won the election.

So now on neglecting the Parties with the least number of MLA we will make analysis on the parties with the most numbers of top 5.

```

party_counts = df1["Party"].value_counts()

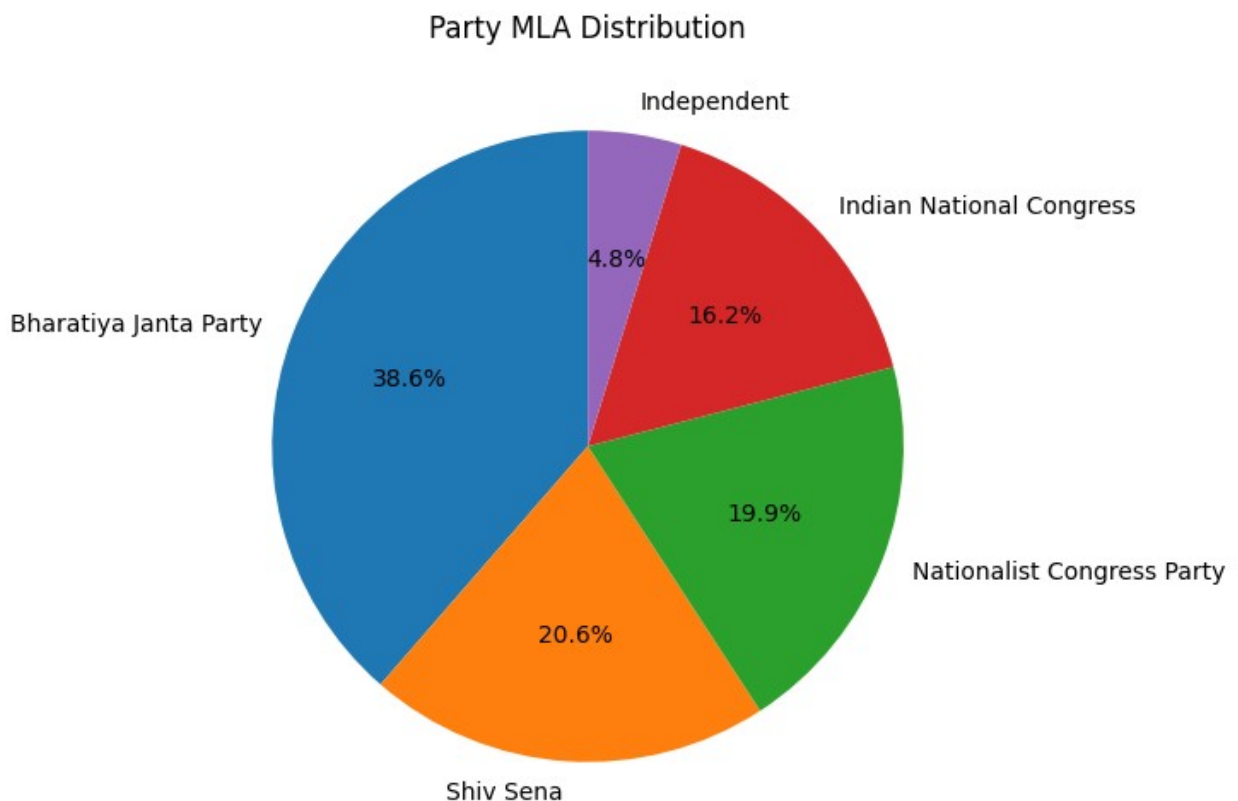
top_party_categories = party_counts.head(5)

```

```
print(top_party_categories)
```

```
Party
Bharatiya Janta Party    105
Shiv Sena                56
Nationalist Congress Party 54
Indian National Congress 44
Independent              13
Name: count, dtype: int64
```

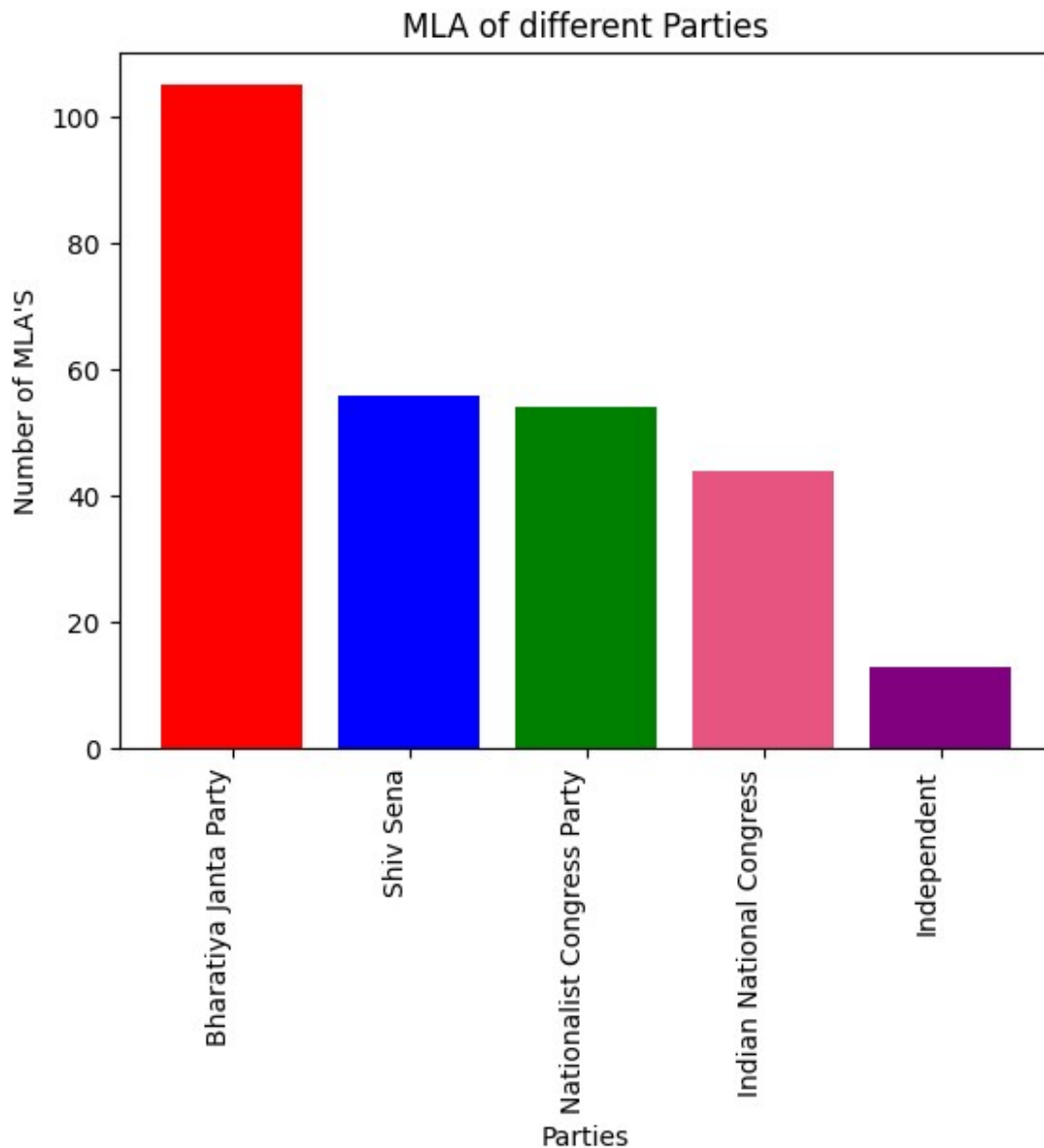
```
plt.figure(figsize=(6,6))
plt.pie(top_party_categories, labels = ['Bharatiya Janta Party','Shiv
Sena','Nationalist Congress Party',
                                     'Indian National
Congress','Independent'],
        autopct='%1.1f%%',startangle=90)
plt.title("Party MLA Distribution")
plt.show()
```



The above pie chart shows the distribution of the MLA of different parties. In which **Bharatiya Janta Party** has 38.6% and others have been displayed up using pie chart.

```
plt.bar(top_party_categories.index, top_party_categories.values ,
color=['red', 'blue', 'green', '#E75480', 'purple'])
plt.title("MLA of different Parties")
plt.xticks(rotation=90, ha="right")
plt.xlabel("Parties")
plt.ylabel("Number of MLA'S")

plt.show()
```



```
df1['Party'].value_counts()
```

```
Party
Bharatiya Janta Party    105
```

Shiv Sena	56
Nationalist Congress Party	54
Indian National Congress	44
Independent	13
Bahujan Vikas Aaghadi	3
All India Majlis-E-Ittehadul Muslimeen	2
Prahar Janshakti Party	2
Samajwadi Party	2
Swabhimani Paksha	1
Peasants And Workers Party Of India	1
Rashtriya Samaj Paksha	1
Communist Party Of India (Marxist)	1
Maharashtra Navnirman Sena	1
Krantikari Shetkari Party	1
Jan Surajya Shakti	1
Name: count, dtype: int64	

District wise Analysis

```
df1['District']
0      Nandurbar
1      Nandurbar
2      Nandurbar
3      Nandurbar
4          Dhule
...
283     Sangli
284     Sangli
285     Sangli
286     Sangli
287     Sangli
Name: District, Length: 288, dtype: object

df1['District'].unique()
array(['Nandurbar', 'Dhule', 'Jalgaon', 'Buldana', 'Akola', 'Washim',
       'Amravati', 'Wardha', 'Nagpur', 'Bhandara', 'Gondiya',
       'Gadchiroli', 'Chandrapur', 'Yavatmal', 'Nanded', 'Hingoli',
       'Parbhani', 'Jalna', 'Aurangabad', 'Nashik', 'Thane',
       'Mumbai (Suburban)', 'Mumbai', 'Raigarh', 'Pune', 'Ahmadnagar',
       'Bid', 'Latur', 'Osmanabad', 'Solapur', 'Satara', 'Ratnagiri',
       'Sindhudurg', 'Kolhapur', 'Sangli'], dtype=object)

df1['District'].value_counts()
District
Mumbai (Suburban)    26
Thane                24
Pune                 21
```

Nashik	15
Nagpur	12
Ahmadnagar	12
Jalgaon	11
Solapur	11
Kolhapur	10
Mumbai	10
Nanded	9
Aurangabad	9
Sangli	8
Satara	8
Amravati	8
Yavatmal	7
Raigarh	7
Buldana	7
Chandrapur	6
Latur	6
Bid	6
Ratnagiri	5
Jalna	5
Dhule	5
Akola	5
Parbhani	4
Gondiya	4
Osmanabad	4
Wardha	4
Nandurbar	4
Hingoli	3
Gadchiroli	3
Bhandara	3
Washim	3
Sindhudurg	3

Name: count, dtype: int64

Top 10 District

```
district_top_10 = df1['District'].value_counts()
district_top_10.head(10)
```

District	
Mumbai (Suburban)	26
Thane	24
Pune	21
Nashik	15
Nagpur	12
Ahmadnagar	12
Jalgaon	11
Solapur	11
Kolhapur	10


```

Mumbai          10
Name: count, dtype: int64

df1['Region']

0      North Maharashtra - Nashik
1      North Maharashtra - Nashik
2      North Maharashtra - Nashik
3      North Maharashtra - Nashik
4      North Maharashtra - Nashik
...
283     West Maharashtra - Pune
284     West Maharashtra - Pune
285     West Maharashtra - Pune
286     West Maharashtra - Pune
287     West Maharashtra - Pune
Name: Region, Length: 288, dtype: object

df1['Region'].unique()

array(['North Maharashtra - Nashik', 'Vidarbha - Amaravati',
      'Vidarbha - Nagpur', 'Marathvada - Chhatrapati Sambhajinagar',
      'Kokan - Mumbai', 'West Maharashtra - Pune'], dtype=object)

df1['Region'].value_counts()

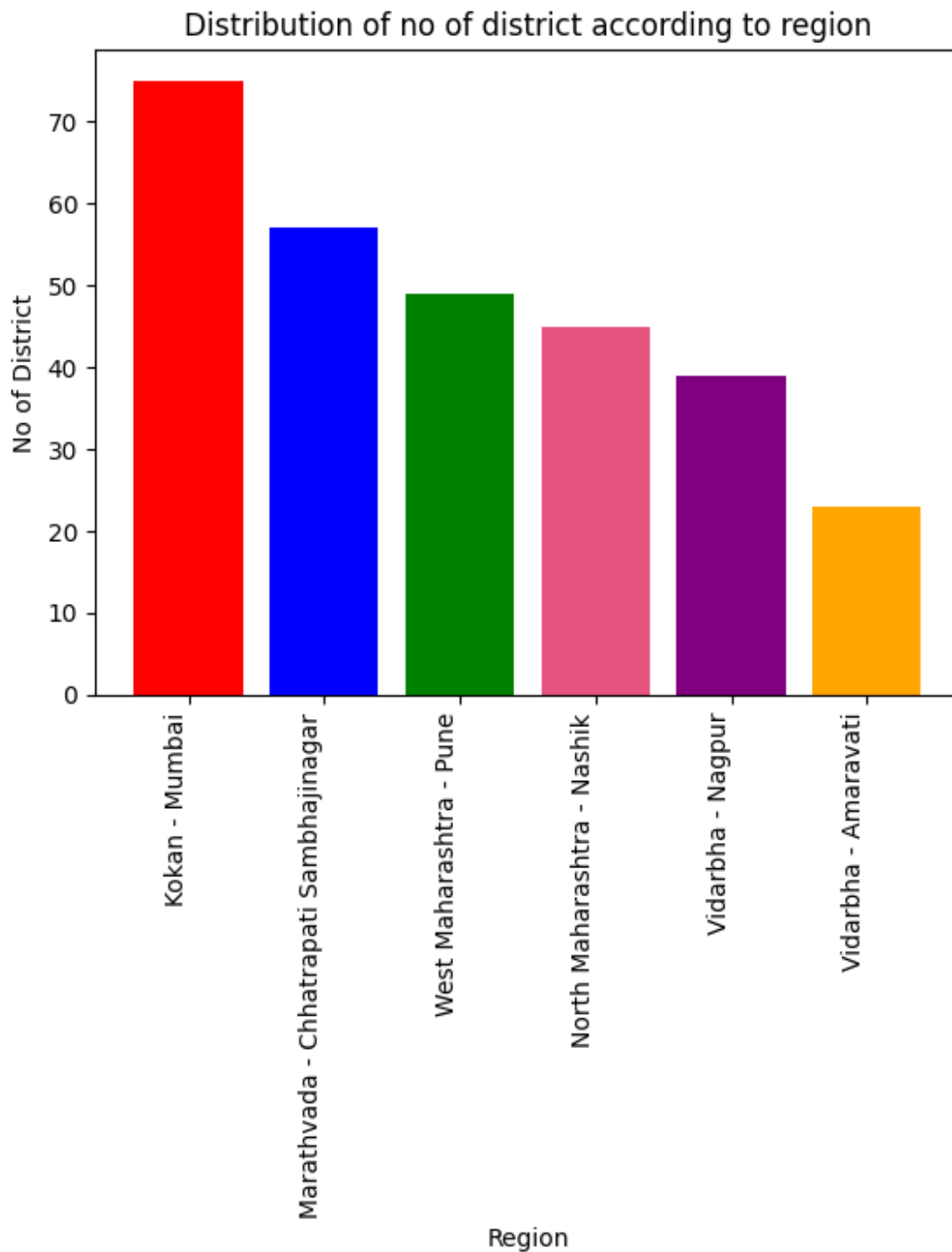
Region
Kokan - Mumbai          75
Marathvada - Chhatrapati Sambhajinagar  57
West Maharashtra - Pune  49
North Maharashtra - Nashik  45
Vidarbha - Nagpur       39
Vidarbha - Amaravati     23
Name: count, dtype: int64

value_count_region = df1['Region'].value_counts()

plt.bar(value_count_region.index, value_count_region.values ,
color=['red','blue','green','#E75480','purple','orange'])
plt.title("Distribution of no of district according to region")
plt.xticks(rotation=90, ha="right")
plt.xlabel("Region")
plt.ylabel("No of District")

plt.show()

```



Required Comparisons

```
total_voters = df1[['AC', 'Total Electors']]
total_voters.head(20)
```

	AC	Total Electors
0	Akkalkuwa	2,74,595
1	Shahada	3,16,890

2	Nandurbar	3,36,325
3	Nawapur	2,87,031
4	Sakri	3,39,027
5	Dhule Rural	3,70,224
6	Dhule City	3,16,032
7	Sindkheda	3,24,272
8	Shirpur	3,17,209
9	Chopda	3,07,784
10	Raver	2,97,408
11	Bhusawal	3,03,559
12	Jalgaon City	3,91,544
13	Jalgaon Rural	3,14,918
14	Amalner	2,93,012
15	Erandol	2,79,851
16	Chalisgaon	3,41,016
17	Pachora	3,10,995
18	Jamner	3,07,643
19	Muktainagar	2,91,281

Only 20 upper most records are shown. The above 2 columns shows the Total number of electors AC wise.

```
total_voters = df1[['AC', 'MLA']]
total_voters.head(20)
```

	AC	MLA
0	Akkalkuwa	Adv. K. C. Padavi (INC)
1	Shahada	Rajesh Udesing Padvi (BJP)
2	Nandurbar	Vijaykumar Krushnarao Gavit (BJP)
3	Nawapur	Naik Shirishkumar Surupsing (INC)
4	Sakri	Manjula Tulshiram Gavit (IND)
5	Dhule Rural	Kunalbaba Rohidas Patil (INC)
6	Dhule City	Shah Faruk Anwar (AIMIM)
7	Sindkheda	Jaykumar Jitendrasinh Rawal (BJP)
8	Shirpur	Kashiram Vechan Pawara (BJP)
9	Chopda	Latabai Chandrakant Sonawane (SHS)
10	Raver	Chaudhari Shirish Madhukarrao (INC)
11	Bhusawal	Sanjay Waman Sawkare (BJP)
12	Jalgaon City	Suresh Damu Bhole (Rajumama) (BJP)
13	Jalgaon Rural	Gulabrao Raghunath Patil (SHS)
14	Amalner	Anil Bhaidas Patil (NCP)
15	Erandol	Chimanrao Rupchand Patil (SHS)
16	Chalisgaon	Mangesh Ramesh Chavan (BJP)
17	Pachora	Kishor Appa Patil (SHS)
18	Jamner	Girish Dattatraya Mahajan (BJP)
19	Muktainagar	Chandrakant Nimba Patil (IND)

The above comparison shows that which MLA has won in which AC.

```
total_voters = df1[['AC', 'Total Electors', 'Male', 'Female']]
total_voters.head(20)
```

	AC	Total Electors	Male	Female
0	Akkalkuwa	2,74,595	1,22,375 (50.9 %)	1,18,199 (49.1 %)
1	Shahada	3,16,890	1,42,465 (51.2 %)	1,35,659 (48.8 %)
2	Nandurbar	3,36,325	1,57,219 (51.1 %)	1,50,314 (48.9 %)
3	Nawapur	2,87,031	1,32,891 (49.9 %)	1,33,559 (50.1 %)
4	Sakri	3,39,027	1,59,112 (52.1 %)	1,46,452 (47.9 %)
5	Dhule Rural	3,70,224	1,79,595 (52.1 %)	1,65,051 (47.9 %)
6	Dhule City	3,16,032	1,65,794 (53.0 %)	1,46,747 (47.0 %)
7	Sindkheda	3,24,272	1,54,941 (51.2 %)	1,47,750 (48.8 %)
8	Shirpur	3,17,209	1,53,626 (51.3 %)	1,46,053 (48.7 %)
9	Chopda	3,07,784	1,49,427 (52.2 %)	1,36,676 (47.8 %)
10	Raver	2,97,408	1,44,967 (53.2 %)	1,27,730 (46.8 %)
11	Bhusawal	3,03,559	1,42,813 (53.8 %)	1,22,636 (46.2 %)
12	Jalgaon City	3,91,544	2,31,359 (53.3 %)	2,03,000 (46.7 %)
13	Jalgaon Rural	3,14,918	1,50,019 (53.0 %)	1,32,988 (47.0 %)
14	Amalner	2,93,012	1,41,311 (53.0 %)	1,25,262 (47.0 %)
15	Erandol	2,79,851	1,36,209 (52.8 %)	1,21,776 (47.2 %)
16	Chalisgaon	3,41,016	1,70,772 (53.8 %)	1,46,918 (46.2 %)
17	Pachora	3,10,995	1,51,759 (53.1 %)	1,34,275 (46.9 %)
18	Jamner	3,07,643	1,43,862 (52.5 %)	1,30,168 (47.5 %)
19	Muktainagar	2,91,281	1,38,915 (52.8 %)	1,24,024 (47.2 %)

The above comparison shows that which AC has how many total electors and it also shows the comparison of male and female.

```
total_voters = df1[['MLA', 'Turnout']]
total_voters.head(20)
```

	MLA	Turnout
0	Adv. K. C. Padavi (INC)	1,95,771 (73.06 %)
1	Rajesh Udesing Padvi (BJP)	2,06,944 (66.39 %)
2	Vijaykumar Krushnarao Gavitt (BJP)	1,84,968 (56.04 %)
3	Naik Shirishkumar Surupsing (INC)	2,12,713 (75.83 %)
4	Manjula Tulshiram Gavitt (IND)	2,03,951 (61.38 %)
5	Kunalbaba Rohidas Patil (INC)	2,43,099 (66.27 %)
6	Shah Faruk Anwar (AIMIM)	1,59,971 (51.05 %)
7	Jaykumar Jitendrasinh Rawal (BJP)	1,98,752 (61.85 %)
8	Kashiram Vechan Pawara (BJP)	2,08,264 (66.86 %)
9	Latabai Chandrakant Sonawane (SHS)	1,97,243 (64.79 %)
10	Chaudhari Shirish Madhukarrao (INC)	2,01,450 (68.39 %)
11	Sanjay Waman Sawkare (BJP)	1,47,377 (49.63 %)
12	Suresh Damu Bhole (Rajumama) (BJP)	1,77,129 (46.52 %)
13	Gulabrao Raghunath Patil (SHS)	1,95,981 (62.99 %)
14	Anil Bhaidas Patil (NCP)	1,83,403 (63.11 %)
15	Chimanrao Rupchand Patil (SHS)	1,76,380 (63.74 %)
16	Mangesh Ramesh Chavan (BJP)	2,16,276 (63.91 %)
17	Kishor Appa Patil (SHS)	1,99,693 (64.77 %)
18	Girish Dattatraya Mahajan (BJP)	2,06,660 (67.86 %)
19	Chandrakant Nimba Patil (IND)	1,94,414 (67.36 %)

The above comparison shows that which MLA has won with how many turnout.

ANALYSIS ON TOP 5 PARTIES

BHARTIYA JANTA PARTY -- BJP

```
condition1 = df1['Party'] == 'Bharatiya Janta Party'
bjp_df = df1[condition1]
```

```
BJP = bjp_df[['MLA', 'Party']]
```

```
BJP.head(20)
```

	MLA	Party
1	Rajesh Udesing Padvi (BJP)	Bharatiya Janta Party
2	Vijaykumar Krushnarao Gavitt (BJP)	Bharatiya Janta Party
7	Jaykumar Jitendrasinh Rawal (BJP)	Bharatiya Janta Party
8	Kashiram Vechan Pawara (BJP)	Bharatiya Janta Party
11	Sanjay Waman Sawkare (BJP)	Bharatiya Janta Party
12	Suresh Damu Bhole (Rajumama) (BJP)	Bharatiya Janta Party
16	Mangesh Ramesh Chavan (BJP)	Bharatiya Janta Party
18	Girish Dattatraya Mahajan (BJP)	Bharatiya Janta Party
22	Shweta Vidyadhar Mahale (BJP)	Bharatiya Janta Party
25	Akash Pandurang Fundkar (BJP)	Bharatiya Janta Party
26	Kute Dr. Sanjay Shriram (BJP)	Bharatiya Janta Party

```

27      Prakash Gunwantrao Bharsakale ( BJP ) Bharatiya Janta Party
29 Govardhan Mangilal Sharma @ Lalaji ( BJP ) Bharatiya Janta Party
30      Randhir Pralhadrao Sawarkar ( BJP ) Bharatiya Janta Party
31      Harish Marotiappa Pimpale ( BJP ) Bharatiya Janta Party
33      Lakhan Sahadeo Malik ( BJP ) Bharatiya Janta Party
34      Patni Rajendra Sukhanand ( BJP ) Bharatiya Janta Party
35      Adsad Pratap Arunbhau ( BJP ) Bharatiya Janta Party
43      Dadarao Yadaorao Keche ( BJP ) Bharatiya Janta Party
45      Samir Trimbakrao Kunawar ( BJP ) Bharatiya Janta Party

```

```
print("Total Number of BJP MLA'S = ", BJP.shape[0])
```

```
Total Number of BJP MLA'S = 105
```

There are total 105 MLA members of Bhartiya Janta Party -- BJP who have won the election.

Finding in which AC does BHARTIYA JANTA PARTY has won the seat .

```

region = df1['AC'].unique()

condition1 = df1['Party'] == 'Bharatiya Janta Party'
AC_BJP_df = df1[condition1]

```

```

BJP = AC_BJP_df['AC']
BJP.head(20)

```

```

1      Shahada
2      Nandurbar
7      Sindkheda
8      Shirpur
11     Bhusawal
12     Jalgaon City
16     Chalisgaon
18     Jamner
22     Chikhli
25     Khamgaon
26     Jalgaon (Jamod)
27     Akot
29     Akola West
30     Akola East
31     Murtizapur
33     Washim
34     Karanja
35     Dhamamgaon Railway
43     Arvi
45     Hinganghat
Name: AC, dtype: object

```

The above displayed are the top upper most 20 records. There are total 105 district in which there is a MLA of BJP

```
condition = df1['Party'] == 'Bharatiya Janta Party'
```

```
voter_df = df1[condition]
```

```
BJP = voter_df[['AC', 'MLA', 'Total Electors', 'Male', 'Female']]
```

```
BJP.head(20)
```

	AC	MLA \
1	Shahada	Rajesh Udesing Padvi (BJP)
2	Nandurbar	Vijaykumar Krushnarao Gavit (BJP)
7	Sindkheda	Jaykumar Jitendrasinh Rawal (BJP)
8	Shirpur	Kashiram Vechan Pawara (BJP)
11	Bhusawal	Sanjay Waman Sawkare (BJP)
12	Jalgaon City	Suresh Damu Bhole (Rajumama) (BJP)
16	Chalisgaon	Mangesh Ramesh Chavan (BJP)
18	Jamner	Girish Dattatraya Mahajan (BJP)
22	Chikhli	Shweta Vidyadhar Mahale (BJP)
25	Khamgaon	Akash Pandurang Fundkar (BJP)
26	Jalgaon (Jamod)	Kute Dr. Sanjay Shriram (BJP)
27	Akot	Prakash Gunwantrao Bharsakale (BJP)
29	Akola West	Govardhan Mangilal Sharma @ Lalaji (BJP)
30	Akola East	Randhir Pralhadrao Sawarkar (BJP)
31	Murtizapur	Harish Marotiappa Pimpale (BJP)
33	Washim	Lakhan Sahadeo Malik (BJP)
34	Karanja	Patni Rajendra Sukhanand (BJP)
35	Dhamamgaon Railway	Adsad Pratap Arunbhau (BJP)
43	Arvi	Dadaraao Yadaorao Keche (BJP)
45	Hinganghat	Samir Trimbakrao Kunawar (BJP)

	Total	Electors	Male	Female
1	3,16,890	1,42,465 (51.2 %)	1,35,659 (48.8 %)	
2	3,36,325	1,57,219 (51.1 %)	1,50,314 (48.9 %)	
7	3,24,272	1,54,941 (51.2 %)	1,47,750 (48.8 %)	
8	3,17,209	1,53,626 (51.3 %)	1,46,053 (48.7 %)	
11	3,03,559	1,42,813 (53.8 %)	1,22,636 (46.2 %)	
12	3,91,544	2,31,359 (53.3 %)	2,03,000 (46.7 %)	
16	3,41,016	1,70,772 (53.8 %)	1,46,918 (46.2 %)	
18	3,07,643	1,43,862 (52.5 %)	1,30,168 (47.5 %)	
22	2,93,026	1,38,163 (52.6 %)	1,24,288 (47.4 %)	
25	2,78,694	1,41,235 (53.2 %)	1,24,386 (46.8 %)	
26	2,85,565	1,40,577 (53.1 %)	1,24,156 (46.9 %)	
27	2,81,637	1,43,665 (53.9 %)	1,22,828 (46.1 %)	
29	3,27,394	1,40,997 (52.5 %)	1,27,448 (47.5 %)	
30	3,37,917	1,55,202 (52.6 %)	1,39,825 (47.4 %)	
31	3,18,818	24,147 (52.9 %)	21,542 (47.1 %)	
33	3,45,823	1,74,807 (52.7 %)	1,56,906 (47.3 %)	
34	2,98,871	1,48,594 (52.5 %)	1,34,269 (47.5 %)	
35	3,11,829	1,49,717 (52.0 %)	1,37,996 (48.0 %)	

43	2,60,513	1,31,826 (51.9 %)	1,22,309 (48.1 %)
45	2,96,107	1,40,041 (53.0 %)	1,24,243 (47.0 %)

The above displayed are the top upper most 20 records. The above is a table which shows that how many electors were there and out of which how many were male and female. And the above comparison is done on the basis on AC.

SHIV SENA

```
condition2 = df1['Party'] == 'Shiv Sena'
shi_sena_df = df1[condition2]

shi_sena = shi_sena_df[['MLA', 'Party']]

shi_sena.head(20)
```

	MLA	Party
9	Latabai Chandrakant Sonawane (SHS)	Shiv Sena
13	Gulabrao Raghunath Patil (SHS)	Shiv Sena
15	Chimanrao Rupchand Patil (SHS)	Shiv Sena
17	Kishor Appa Patil (SHS)	Shiv Sena
21	Sanjay Rambhau Gaikwad (SHS)	Shiv Sena
24	Sanjay Bhaskar Raymulkar (SHS)	Shiv Sena
28	Nitinkumar Bhikanrao Tale (SHS)	Shiv Sena
78	Rathod Sanjay Dulichand (SHS)	Shiv Sena
85	Balaji Devidasrao Kalyankar (SHS)	Shiv Sena
92	Bangar Santosh Laxmanrao (SHS)	Shiv Sena
95	Dr. Rahul Vedprakash Patil (SHS)	Shiv Sena
103	Abdul Sattar Abdul Nabi (SHS)	Shiv Sena
104	Udaysing Sardarsing Rajput (SHS)	Shiv Sena
106	Jaiswal Pradeep Shivnarayan (SHS)	Shiv Sena
107	Sanjay Pandurang Shirsat (SHS)	Shiv Sena
109	Bhumare Sandipanrao Asaram (SHS)	Shiv Sena
111	Bornare Ramesh Nanasaheb (SHS)	Shiv Sena
112	Suhas Dwarkanath Kande (SHS)	Shiv Sena
114	Bhuse Dadaji Dagdu (SHS)	Shiv Sena
129	Shrinivas Chintaman Vanga (SHS)	Shiv Sena

Only 20 upper most records are shown. The above 2 columns shows the Total number of electors AC wise.

```
shi_sena.shape

(56, 2)

print("Total Number of SHIV SENA'S MLA'S = ", shi_sena.shape[0])

Total Number of SHIV SENA'S MLA'S = 56
```

There are 56 MLA'S who have won the election in different AC.

Finding in which AC does SHIV SENA has won the seat .

```
region = df1['AC'].unique()

condition1 = df1['Party'] == 'Bharatiya Janta Party'
AC_shiv_sena_df = df1[condition1]

shiv_sena = AC_shiv_sena_df['AC']
shiv_sena.head(20)
```

1	Shahada
2	Nandurbar
7	Sindkheda
8	Shirpur
11	Bhusawal
12	Jalgaon City
16	Chalisgaon
18	Jamner
22	Chikhli
25	Khamgaon
26	Jalgaon (Jamod)
27	Akot
29	Akola West
30	Akola East
31	Murtizapur
33	Washim
34	Karanja
35	Dhamamgaon Railway
43	Arvi
45	Hinganghat

Name: AC, dtype: object

The above displayed are the top upper most 20 records. There are total 56 district in which there is a MLA of SHIV SENA

```
condition = df1['Party'] == 'Shiv Sena'

voter_df = df1[condition]

BJP = voter_df[['AC', 'MLA', 'Total Electors', 'Male', 'Female']]

BJP.head(20)
```

	AC	MLA Total
Electors \		
9	Chopda	Latabai Chandrakant Sonawane (SHS)
3,07,784		
13	Jalgaon Rural	Gulabrao Raghunath Patil (SHS)
3,14,918		
15	Erandol	Chimanrao Rupchand Patil (SHS)

2,79,851		
17	Pachora	Kishor Appa Patil (SHS)
3,10,995		
21	Buldhana	Sanjay Rambhau Gaikwad (SHS)
3,04,842		
24	Mehkar	Sanjay Bhaskar Raymulkar (SHS)
2,90,113		
28	Balapur	Nitinkumar Bhikanrao Tale (SHS)
2,94,781		
78	Digras	Rathod Sanjay Dulichand (SHS)
3,20,572		
85	Nanded North	Balaji Devidasrao Kalyankar (SHS)
3,08,197		
92	Kalamnuri	Bangar Santosh Laxmanrao (SHS)
3,05,263		
95	Parbhani	Dr. Rahul Vedprakash Patil (SHS)
3,01,366		
103	Sillod	Abdul Sattar Abdul Nabi (SHS)
3,17,733		
104	Kannad	Udaysing Sardarsing Rajput (SHS)
3,12,269		
106	Aurangabad Central	Jaiswal Pradeep Shivnarayan (SHS)
3,19,744		
107	Aurangabad West	Sanjay Pandurang Shirsat (SHS)
3,31,163		
109	Paithan	Bhumare Sandipanrao Asaram (SHS)
2,90,703		
111	Vaijapur	Bornare Ramesh Nanasaheb (SHS)
3,07,722		
112	Nandgaon	Suhas Dwarkanath Kande (SHS)
3,17,318		
114	Malegaon Outer	Bhuse Dadaji Dagdu (SHS)
3,36,886		
129	Palghar	Shrinivas Chintaman Vanga (SHS)
2,71,182		

	Male	Female
9	1,49,427 (52.2 %)	1,36,676 (47.8 %)
13	1,50,019 (53.0 %)	1,32,988 (47.0 %)
15	1,36,209 (52.8 %)	1,21,776 (47.2 %)
17	1,51,759 (53.1 %)	1,34,275 (46.9 %)
21	1,42,054 (52.9 %)	1,26,574 (47.1 %)
24	1,47,789 (52.6 %)	1,33,320 (47.4 %)
28	1,45,412 (53.1 %)	1,28,407 (46.9 %)
78	1,56,687 (53.3 %)	1,37,362 (46.7 %)
85	1,76,296 (52.8 %)	1,57,297 (47.2 %)
92	1,52,712 (53.5 %)	1,32,915 (46.5 %)
95	1,88,701 (53.1 %)	1,66,491 (46.9 %)
103	1,48,478 (54.2 %)	1,25,216 (45.8 %)

104	1,47,459 (53.6 %)	1,27,854 (46.4 %)
106	1,42,039 (52.7 %)	1,27,567 (47.3 %)
107	1,39,800 (54.0 %)	1,18,871 (46.0 %)
109	1,50,279 (53.9 %)	1,28,302 (46.1 %)
111	1,46,948 (53.0 %)	1,30,385 (47.0 %)
112	1,48,235 (52.6 %)	1,33,762 (47.4 %)
114	1,56,140 (53.1 %)	1,37,898 (46.9 %)
129	1,17,721 (51.5 %)	1,10,889 (48.5 %)

The above displayed are the top upper most 20 records. The above is a table which shows that how many electors were there and out of which how many were male and female. And the above comparison is done on the basis on AC.

Nationalist Congress Party

```
condition2 = df1['Party'] == 'Nationalist Congress Party'
NCP_df = df1[condition2]

NCP = NCP_df[['MLA', 'Party']]

NCP.head(20)
```

	MLA \
14	Anil Bhaidas Patil (NCP)
23	Dr. Rajendra Bhaskarrao Shingane (NCP)
47	Anil Deshmukh (NCP)
59	Karemore Raju Manikrao (NCP)
62	Chandrikapure Manohar Gowardhan (NCP)
68	Aatram Dharamraobaba Bhagwantrao (NCP)
80	Naik Indranil Manohar (NCP)
91	Chandrakant Alias Rajubhaiyya Ramakant Nawghar...
99	Rajeshbhaiyya Tope (NCP)
116	Nitin Arjun (A.T.) PAWAR (NCP)
118	Chhagan Bhujbal (NCP)
119	Adv. Kokate Manikrao Shivajirao (NCP)
120	Bankar Diliprao Shankarrao (NCP)
121	Zirwal Narhari Sitaram (NCP)
125	Saroj Babulal Ahire (NCP)
128	Bhusara Sunil Chandrakant (NCP)
134	Daulat Bhika Daroda (NCP)
148	Awhad Jitendra Satish (NCP)
171	Nawab Malik (NCP)
192	Aditi Sunil Tatkar (NCP)

	Party
14	Nationalist Congress Party
23	Nationalist Congress Party
47	Nationalist Congress Party
59	Nationalist Congress Party
62	Nationalist Congress Party

68	Nationalist Congress Party
80	Nationalist Congress Party
91	Nationalist Congress Party
99	Nationalist Congress Party
116	Nationalist Congress Party
118	Nationalist Congress Party
119	Nationalist Congress Party
120	Nationalist Congress Party
121	Nationalist Congress Party
125	Nationalist Congress Party
128	Nationalist Congress Party
134	Nationalist Congress Party
148	Nationalist Congress Party
171	Nationalist Congress Party
192	Nationalist Congress Party

Only 20 upper most records are shown. The above 2 columns shows the Total number of electors AC wise.

```
NCP.shape
```

```
(54, 2)
```

```
print("Total Number of Nationalist Congress Party MLA'S = ",
NCP.shape[0])
```

```
Total Number of Nationalist Congress Party MLA'S = 54
```

There are 54 MLA'S who have won the election in different AC.

Finding in which AC does Nationalist Congress Party has won the seat .

```
region = df1['AC'].unique()
```

```
condition1 = df1['Party'] == 'Nationalist Congress Party'
AC_NCP_df = df1[condition1]
```

```
NCP1 = AC_NCP_df['AC']
NCP1.head(20)
```

14	Amalner
23	Sindkhed Raja
47	Katol
59	Tumsar
62	Arjuni-Morgaon
68	Aheri
80	Pusad
91	Basmath
99	Ghansawangi
116	Kalwan

```

118          Yevla
119          Sinnar
120          Niphad
121          Dindori
125          Devlali
128          Vikramgad
134          Shahapur
148          Mumbra-Kalwa
171    Anushakti Nagar
192          Shrivardhan
Name: AC, dtype: object

```

The above displayed are the top upper most 20 records. There are total 54 district in which there is a MLA of Nationalist Congress Party

```

condition = df1['Party'] == 'Nationalist Congress Party'
voter_df1 = df1[condition]
NCP2 = voter_df1[['AC', 'MLA', 'Total Electors', 'Male', 'Female']]
NCP2.head(20)

```

	AC	
MLA \		
14	Amalner	Anil Bhaidas Patil
(NCP)		
23	Sindkhed Raja	Dr. Rajendra Bhaskarrao Shingane
(NCP)		
47	Katol	Anil Deshmukh
(NCP)		
59	Tumsar	Karemore Raju Manikrao
(NCP)		
62	Arjuni-Morgaon	Chandrikapure Manohar Gowardhan
(NCP)		
68	Aheri	Aatram Dharamraobaba Bhagwantrao
(NCP)		
80	Pusad	Naik Indranil Manohar
(NCP)		
91	Basmath	Chandrakant Alias Rajubhaiyya Ramakant
Nawghar...		
99	Ghansawangi	Rajeshbhaiyya Tope
(NCP)		
116	Kalwan	Nitin Arjun (A.T.) PAWAR
(NCP)		
118	Yevla	Chhagan Bhujbal
(NCP)		
119	Sinnar	Adv. Kokate Manikrao Shivajirao
(NCP)		

120	Niphad	Bankar Diliprao Shankarrao
(NCP)		
121	Dindori	Zirwal Narhari Sitaram
(NCP)		
125	Devlali	Saroj Babulal Ahire
(NCP)		
128	Vikramgad	Bhusara Sunil Chandrakant
(NCP)		
134	Shahapur	Daulat Bhika Daroda
(NCP)		
148	Mumbra-Kalwa	Awhad Jitendra Satish
(NCP)		
171	Anushakti Nagar	Nawab Malik
(NCP)		
192	Shrivardhan	Aditi Sunil Tatkare
(NCP)		
	Total Electors	Male Female
14	2,93,012	1,41,311 (53.0 %) 1,25,262 (47.0 %)
23	3,10,669	1,49,859 (52.8 %) 1,33,831 (47.2 %)
47	2,71,118	1,32,476 (53.2 %) 1,16,557 (46.8 %)
59	3,00,038	1,45,256 (51.1 %) 1,39,204 (48.9 %)
62	2,53,101	1,24,250 (51.1 %) 1,18,772 (48.9 %)
68	2,35,954	1,20,075 (51.4 %) 1,13,533 (48.6 %)
80	2,89,675	1,47,920 (53.0 %) 1,30,918 (47.0 %)
91	2,90,797	1,40,398 (53.1 %) 1,23,948 (46.9 %)
99	3,07,190	1,52,720 (52.5 %) 1,37,993 (47.5 %)
116	2,68,199	1,24,062 (52.1 %) 1,14,161 (47.9 %)
118	2,96,332	1,42,064 (53.1 %) 1,25,587 (46.9 %)
119	3,00,468	1,40,828 (53.1 %) 1,24,598 (46.9 %)
120	2,68,515	1,29,798 (52.9 %) 1,15,540 (47.1 %)
121	3,02,348	1,35,349 (52.5 %) 1,22,250 (47.5 %)
125	2,64,431	1,21,479 (53.1 %) 1,07,501 (46.9 %)
128	2,64,259	1,25,563 (50.7 %) 1,21,875 (49.3 %)
134	2,47,443	1,24,366 (51.4 %) 1,17,412 (48.6 %)
148	3,37,099	1,79,426 (55.1 %) 1,46,015 (44.9 %)
171	2,47,954	1,55,558 (55.4 %) 1,25,167 (44.6 %)
192	2,56,247	1,17,634 (49.0 %) 1,22,484 (51.0 %)

The above displayed are the top upper most 20 records. The above is a table which shows that how many electors were there and out of which how many were male and female. And the above comparison is done on the basis on AC.

SUMMARY

The main aim of the data analysis for the Maharashtra election of 2019 is to provide a comprehensive understanding of the electoral process and its outcomes. Through meticulous examination of voter turnout, party performance, coalition dynamics, and key issues, the analysis aims to unravel the intricate tapestry of Maharashtra's political landscape. By

identifying regional variations, post-election realignments, and policy implications, the analysis seeks to offer valuable insights for stakeholders, policymakers, and the general public. Ultimately, the aim is to contribute to a deeper understanding of the electoral dynamics and governance challenges in Maharashtra, shaping informed decision-making and discourse .

THANK YOU