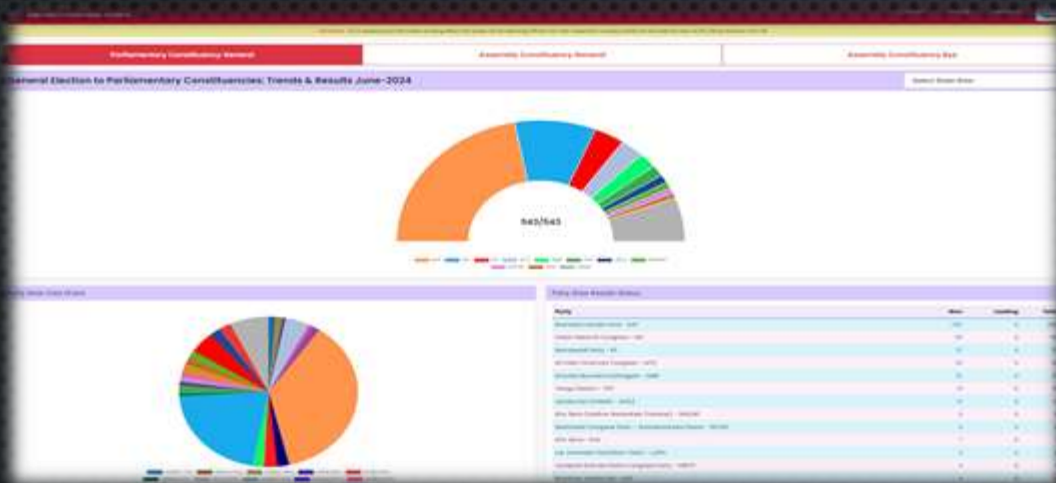


STEPS I USED IN COMPLETING
THIS TASK

- DATA PREPARATION



Party Wise Results Status

Party	Won	Leading	Total
Bharatiya Janata Party - BJP	240	0	240
Indian National Congress - INC	99	0	99
Samajwadi Party - SP	37	0	37
All India Trinamool Congress - AITC	29	0	29
Dravida Munnetra Kazhagam - DMK	22	0	22
Telugu Desam - TDP	16	0	16
Janata Dal (United) - JD(U)	12	0	12
Shiv Sena (Uddhav Balasaheb Thackrey) - SHSUBT	9	0	9
Nationalist Congress Party - Sharadchandra Pawar - NCPSP	8	0	8
Shiv Sena - SHS	7	0	7
Lok Janshakti Party(Ram Vilas) - LJPRV	5	0	5
Yuva Janshakti Party - YSRCP	4	0	4
Rashtriya Janata Dal - RJD	4	0	4
Communist Party of India (Marxist) - CPI(M)	4	0	4
Indian Union Muslim League - IUML	3	0	3

EXPLORATORY DATA ANALYSIS

```
In [1]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
```

```
In [39]: andhra_pradesh_eia = pd.read_excel("Andhrapradesh(PLA).xlsx")
df1 = pd.DataFrame(andhra_pradesh_eia)
arunachal_pradesh_eia = pd.read_excel("Arunachal Pradesh(PLA).xlsx")
df2 = pd.DataFrame(arunachal_pradesh_eia)
odisha_eia = pd.read_excel("Odisha(PLA).xlsx")
df3 = pd.DataFrame(odisha_eia)
sikkim_eia = pd.read_excel("Sikkim(PLA).xlsx")
df4 = pd.DataFrame(sikkim_eia)
tamilnadu_ep = pd.read_excel("Tamilnadu(EP).xlsx")
df5 = pd.DataFrame(tamilnadu_ep)
telangana_ep = pd.read_excel("Telangana(EP).xlsx")
df6 = pd.DataFrame(telangana_ep)
```

```
In [40]: df1.shape
```

```
Out[40]: (175, 7)
```

```
In [41]: df2.shape
```

```
Out[41]: (68, 7)
```

```
In [42]: df3.shape
```

```
Out[42]: (147, 7)
```

```
In [71]: df1.isnull().sum()
```

```
Out[71]: Constituency      0
Const. No.                0
Leading Candidate          0
Leading Party              0
Trailing Candidate        0
Trailing Party            0
Margin                    0
dtype: int64
```

```
In [72]: df2.isnull().sum()
```

```
Out[72]: Constituency      0
Const. No.                0
Leading Candidate          0
Leading Party              0
Trailing Candidate       10
Trailing Party           10
Margin                    8
dtype: int64
```

```
In [73]: df3.isnull().sum()
```

```
Out[73]: Constituency      0
Const. No.                0
Leading Candidate          0
Leading Party              0
Trailing Candidate        0
Trailing Party            0
Margin                    0
dtype: int64
```

REQUIRED RELATIONS

Party	MLA Seats	MLA Vote share	MP Seats	MP Vote share
Telugu desam party	135	45.60%	16	37.79%
Janasena Party - JNP	21	8.53%	2	6.93%
Yuva Jana Samika Rythu Congress Party - YSRCP	11	39.57%	4	39.61%
Bharatiya Janata Party - BJP	8	2.83%	3	11.28%

Constituency	Candidate	Party	Margi
Gajuwaka	PALLA SRINIVAS RAO	Telugu Desam	95235
Bhimili	GANTA SRINIVASA RAO	Telugu Desam	92401
Mangalagiri	NARA LOKESH	Telugu Desam	91415
Pendurthi	PANCHAKULA RAMESH BABU	Janasena Party	81870
Nellore City	NARAYANA PONGURU	Telugu Desam	73699
Tanuku	AKHILU EADHA KRISHNA	Telugu Desam	72121
Kakinada Rural	PINTAM VENKATESWARA RAO	Janasena Party	72040
Rajahmundry City	ADIREDDY SRINIVAS	Telugu Desam	71404
Vizianagaram East	RAMAKRISHNA BABU VELADAPUDI	Telugu Desam	70877
Pithapuram	KONDALA PAWAN KALYAN	Janasena Party	70279

Constituency	Candidate	Party	Margi
Vizianagaram	SRI BHARAT MATHURUMILI	Telugu Desam	504247
Guntur	DR CHANDRA SEKHAR PEMMASANI	Telugu Desam	344095
Amalapuram	G M HARISH	Telugu Desam	342196
Srikakulam	KUNJARAJU RAMMOHAN NAIDU	Telugu Desam	327901
Anakapalle	C M RAMESH	Bharatiya Janata Party	296520
Vijayawada	KESIRENI SIVANATH	Telugu Desam	282035
Narsapuram	BHUPATHI RAJU SRINIVASA VARMA	Bharatiya Janata Party	276802
Vizianagaram	APPALARAJU KALUSETTI	Telugu Desam	249331
Nellore	PRABHAKAR REDDY VEMIREDDY	Telugu Desam	249002
Rajahmundry	DAUGUBATI PURANICHESWAR	Bharatiya Janata Party	229139
Kakinada	TANGELLA UDAY SRINIVAS	Janasena Party	226402
Madhupatnam	BALASOWEY VALLABHARENI	Janasena Party	223179
Chittoor	DAUGUMALLA PRASADA RAO	Telugu Desam	220479
Bapatla	KRISHNA PRASAD TENNETI	Telugu Desam	208031

Party	MLA Seats	MLA Vote share	MP Seats	MP Vote share
Bharatiya Janata Party - BJP (ACP)	46	54.57%	2	48.87%
National People's Party - NPEP (ACP)	5	16.11%	0	0.00%
Nationalist Congress Party - NCP (ACP)	3	10.43%	0	0.00%
People's Party of Arunachal - PPA (ACP)	2	7.24%	0	0.00%
Indian National Congress - INC (ACP)	1	5.56%	0	30.37%
Independent - IND (ACP)	3	5.26%	0	19.77%

2 top 10 candidates and their parties vote majority (MLA)

Constituency	Candidate	Party	Margi
Koloriang	PANI TARANI	Bharatiya Janata Par	10950
Namsi	CHAU ZINGRU NAMCHOD	Bharatiya Janata Par	8556
Chayangajo	HARENG MANGPT	Bharatiya Janata Par	8885
Seppu (East)	TAUNG TALLANG	Bharatiya Janata Par	5600
Patis	BALO RABA	Bharatiya Janata Par	5040
Pongchau-Wakla	HONGCHUN NGANDAM	Bharatiya Janata Par	4662
Aiong-EAST	KENTO JINI	Bharatiya Janata Par	3158
Miao	KAMLING MOISANG	Bharatiya Janata Par	3127
Raga	ROTON TEBIN	Bharatiya Janata Par	2994
Pasighat (West)	NIDONG ERING	Bharatiya Janata Par	2871

3 top 2 candidates and their parties vote majority (MP)

Constituency	Candidate	Party	Margi
Arunachal East	TAPIR GAO	BJP	10421
Arunachal West	KIRIN BUJUI	BJP	106718

Party	MLA Seats	MLA Vote share	MP Seats	MP Vote share
Bharatiya Janata Party - BJP	78	40.07%	20	45.34%
BiJu Janata Dal - BJD	51	40.22%	0	37.33%
Indian National Congress - INC	14	13.26%	1	12.52%
Communist Party of India (Marxist) - CPI(M)	1	0.37%	0	0.02%
Independent - IND	3	4.00%	0	2.19%

Constituency	Candidate	Party	Margi
Beri	SIDWA BANJAN MALLICK	BiJu Janata Dal	51485
Begunia	PRADIP KUMAR SAHU	BiJu Janata Dal	47814
Chhatrapur	SANATAN MAHARJO	BiJu Janata Dal	39984
Patna	ADHILA CHANDRA NAIK	Bharatiya Janata Par	37979
Bodasahi	SANATAN BULUI	Bharatiya Janata Par	37387
Kendrapani	GANESWAR BEHERA	BiJu Janata Dal	35418
Jashpur	GANESH RAM SINGHJHUTIA	Bharatiya Janata Par	34687
Bangi-poo	SANALI MURMU	Bharatiya Janata Par	34476
Mahatalagada	DURG PRASAD NAYAK	Bharatiya Janata Par	33526
Moroba	DR. KRUSHNA CHANDRA MAHAPATRI	Bharatiya Janata Par	33270

Constituency	Candidate	Party	Margi
Baighat	PRADEEP PUROHIT	BJP	351667
Mayurbhanj	NABA CHARAN MAJI	BJP	210334
Berhampur	DR. PRADEEP KUMAR PANIGRAHY	BJP	165476
Koraput	SAPTAGIRI SANJAY ULAKA	INC	147744
Balasore	PRATAP CHANDRA SARANGI	BJP	147356
Sundargarh	JUAL ORAM	BJP	138808
Balahandi	MALVIA DEVI	BJP	135813
Bolangir	SANGEETA KUMARI SINGH DEO	BJP	132464
Kejrihar	SHARMENDRA PRADHAN	BJP	131856
Puri	SAUBIT PATRA	BJP	104799
Akha	ANITA SUBHADARSHINI	BJP	89974
Konjhar	ANANTA MAYAK	BJP	87042
Bhadrak	ANJANABU SETHI	BJP	81544
Nabarangpur	SALASHADRA MAJI	BJP	87326

Party	MLA Seats	MLA Vote share	MP Seats	MP Vote share
Sikkim Krantikari Morcha - SKM	31	58.38%	1	42.32%
Sikkim Democratic Front - SDF	1	27.37%	0	20.46%

2 top 10 candidates and their parties vote majority (MLA)

Constituency	Candidate	Party	Margi
SORENG-CHAKUNG	P S TAMANG	Sikkim Krantikari Mo	7396
RENGPO	P S TAMANG	Sikkim Krantikari Mo	7044
RENGPOBONG	ERUNG TENDUP LEPCHA	Sikkim Krantikari Mo	6460
MAKIBONG-DENTAM	SUDOSH KUNJA SUBBA	Sikkim Krantikari Mo	6029
DARAMDIN	MINGMA NORBU SHERPA	Sikkim Krantikari Mo	5975
NAMTHANG-RATEPANI	SANJEET KHAREL	Sikkim Krantikari Mo	5605
NAMCHI-SINGHTHANG	ERISHA KUMARI RAI	Sikkim Krantikari Mo	5302
DIONGU	PINTSO NAMGYAL LEPCHA	Sikkim Krantikari Mo	5007
YUKSOM TASHIDING	TSHERING THENDUP BHUTIA	Sikkim Krantikari Mo	4812
BARFUNG	RISHAL DORJEE BHUTIA	Sikkim Krantikari Mo	4346

3 top 2 candidates and their parties vote majority (MP)

Constituency	Candidate	Party	Margi
Sikkim	INDRA NANG SUBBA	Sikkim Krantikari Mo	80830

[illegible]

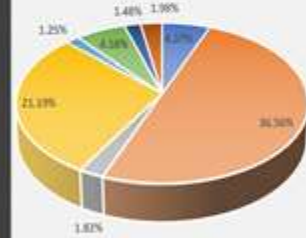
DATA ANALYSIS

Parliamentary Constituency General - Party wise vote count & vote share

PARTY WISE VOTE COUNT



PARTY WISE VOTE SHARE



- All India Trinamool Congress - AITC
- Bharatiya Janata Party - BJP
- Dravida Munnetra Kazhagam - DMK
- Indian National Congress - INC
- Janata Dal (United) - JD(U)
- Samajwadi Party - SP
- Shiv Sena (Uddhav Balasaheb Thackeray) - SHSUST
- Telugu Desam - TDP



PRESENT RULING PARTIES VIA STATES & CENTRAL

TELANGUDESAM IN ANDHRAPRADESH



BIJU JANATA DAL IN ODISHA



BJP IN CENTRAL WISE



BJP IN ARUNACHAL PRADESH



SIKKIM KRANTIKARI MORCHA IN SIKKIM



TOP 10 OF MLA CANDIDATES VIA MARGIN



- SHRUTI KHAIR
- CHAKRABARTI SAMCHOLUP
- SAURAB TALWAR
- HARSH MANGI
- HONCHUN NUNGAM
- KHAKHUNG NONGAM
- KHAKHUNG NONGAM
- KHAKHUNG NONGAM
- KHAKHUNG NONGAM
- KHAKHUNG NONGAM

ARUNACHAL PRADESH - PARTY WISE VOTE SHARE (MLA)

Arunachal pradesh - party wise vote count (MLA)



- Bharatiya Janata Party - BJP
- Indian National Congress - INC
- National People's Party - NPP
- Nationalist Congress Party - NCP
- People's Party of Arunachal - PPA

Arunachal pradesh-party wise vote share (MLA)



- Bharatiya Janata Party - BJP
- Indian National Congress - INC
- National People's Party - NPP
- Nationalist Congress Party - NCP
- People's Party of Arunachal - PPA