

Analysing the 2019 Lok Sabha Elections Assignment

Theme 1: Global

1.1) What is the count of the educational qualification of the candidates?

Post Graduate	503
Graduate	441
Graduate Professional	336
12th Pass	256
10th Pass	196
8th Pass	78
Doctorate	73
Others	50
Literate	30
5th Pass	28
Not Available	22
Illiterate	5

Name: EDUCATION, dtype: int64

Analysis- The number of Post Graduates and above should increase. However, the number of candidates who don't even have a graduation degrees is very significant.

Theme 2: Party Level

2.1) Name the top 5 parties with maximum winners. Also, state the count of winners from each of them.

BJP	300
INC	52
DMK	23
YSRCP	22
AITC	22

Analysis- BJP tuned out to be the largest party. Interestingly, the difference between the winner & first runner-up is very large.

Ideally, in a democracy the different shouldn't be so big. Here we can clearly see that INC is a weak opposition. However, the bottom in the top-5 are the regional parties. It clearly shows how much potential they have to shape countries future.

2.2) Find the Male: Female ratio in the top 5 parties which have the maximum number of winners.

BJP	
MALE	366
FEMALE	54
INC	
MALE	359
FEMALE	54

DMK	
MALE	21
FEMALE	2
YSRCP	
MALE	21
FEMALE	4
AITC	
MALE	28
FEMALE	19

Analysis- Except AITC, the remaining top 4 parties have very poor Male : Female ratio. Empowering the bad idea of 'Man Dominated society'.

As a nation, India needs equal participation from women in every field. The current situation is alarming.

2.3) What is the count of candidates from different categories for the top 5 parties which have the maximum number of winners?

BJP	
GENERAL	304
SC	62
ST	54
INC	
GENERAL	291
SC	73
ST	49
DMK	
GENERAL	19
SC	4
YSRCP	
GENERAL	20
SC	4
ST	1
AITC	
GENERAL	32
SC	10
ST	5

Analysis- There is equal representation from all the categories in the society.

2.4) What is the average age of the candidates for the top 5 parties which have the maximum number of winners?

BJP	54.04255319148936
INC	55.03147699757869
DMK	55.82608695652174
YSRCP	50.32
AITC	54.04255319148936

Analysis- The average of candidates is very high. Young candidates should be encouraged.

Theme 3: State Level

3.1) What are the top 5 states with the maximum number of constituencies?

Uttar Pradesh	251
Bihar	218
Tamil Nadu	189
Maharashtra	175
West Bengal	173

Analysis- These 5 states has maximum number of seats. Therefore, all political parties have an eye to gain the maximum numbers to the parliament & these states can be game changer.

3.2) Amongst the top 5 states with the most number of constituencies, find the average number of criminal cases per candidate.

Uttar Pradesh	1.7408906882591093
Bihar	1.471698113207547
Tamil Nadu	0.8846153846153846
Maharashtra	1.7257142857142858
West Bengal	1.7514450867052023

Analysis- The number of criminal cases is an alarming number for candidates from West Bengal, Maharashtra, Uttar Pradesh & Bihar.

3.3) Amongst the top 5 states with the most number of constituencies, find the average value of the assets per candidate.

Uttar Pradesh	152778869.1214575
Bihar	69936017.31132075
Tamil Nadu	139050747.15384614
Maharashtra	146162190.62285715
West Bengal	26840526.57803468

Analysis- As the numbers is very high. It clearly indicates that people from rich background only fight for election.

Theme 4: Winners vs Losers

4.1) What is the overall average value of assets of the winners and the losers of the election? Also, find the ratio of the overall average value of assets of the Winners and Losers of the election.

Overall average value of assets of the winners	209135673.3005566
Overall average value of assets of the winners	104954788.82005495
Ratio of the overall average value of assets of the Winners and Losers of the election	1.9926263074962671

4.2) What is the overall average number of criminal cases for the winners and the losers of the election? Also, find the ratio of the overall average number of criminal cases of the Winners and Losers of the election.

Overall average number of criminal cases for the winners 1.9090909090909092

Overall average number of criminal cases for the losers 1.307481125600549

Ratio of the overall average number of criminal cases of the Winners and Losers of the election 1.4601288475304226

4.3) What is the overall gender distribution (number of Males and Females) for both the winners and the losers of the election?

Winners

Male- 463 Female- 76

Losers

Male- 1297 Female- 182

4.4) What is the overall average age for the winners and the losers of the election? Also, find the ratio of the overall average age of the Winners and the Losers in the election.

Average age of winners- 54.44155844155844

Average age of losers- 51.48343475321163

Ratio of overall age of the Winners and the Losers- 1.0574577765164022

Theme 5: Famous Politicians

5.1) What was the percentage of votes received by Mr Narendra Modi in the Varanasi constituency?

Note: Consider the variable 'OVER TOTAL VOTES POLLED IN CONSTITUENCY'.
65.990135

5.2) Which candidate received the highest percentage of votes?

Note: Consider the variable 'OVER TOTAL ELECTORS IN CONSTITUENCY'.
Rahul Gandhi 51.95101197

5.3) Name the 2 candidates who fought elections in Gandhinagar Constituency.

660 AMIT SHAH

661 Dr. C. J. CHAVDA