

# POLITICAL JUGGERNATS

## A QUANTITATIVE ANALYSIS OF CANDIDATES IN THE 2019 LOK SABHA



Project submitted by:

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## *INTRODUCTION:*

**The Lok Sabha is composed of representatives of people chosen by direct election on the basis of Universal Adult Suffrage. The Constitution of India allows for a maximum of 550 members in the House, with 530 members representing the States and 20 representing the Union Territories.**

**The 17<sup>th</sup> Lok Sabha was formed by the members elected in the 2019 Indian general election. Elections, all across India, were conducted in seven phases from 11 April 2019 to 19 May 2019 by the Election Commission of India.**

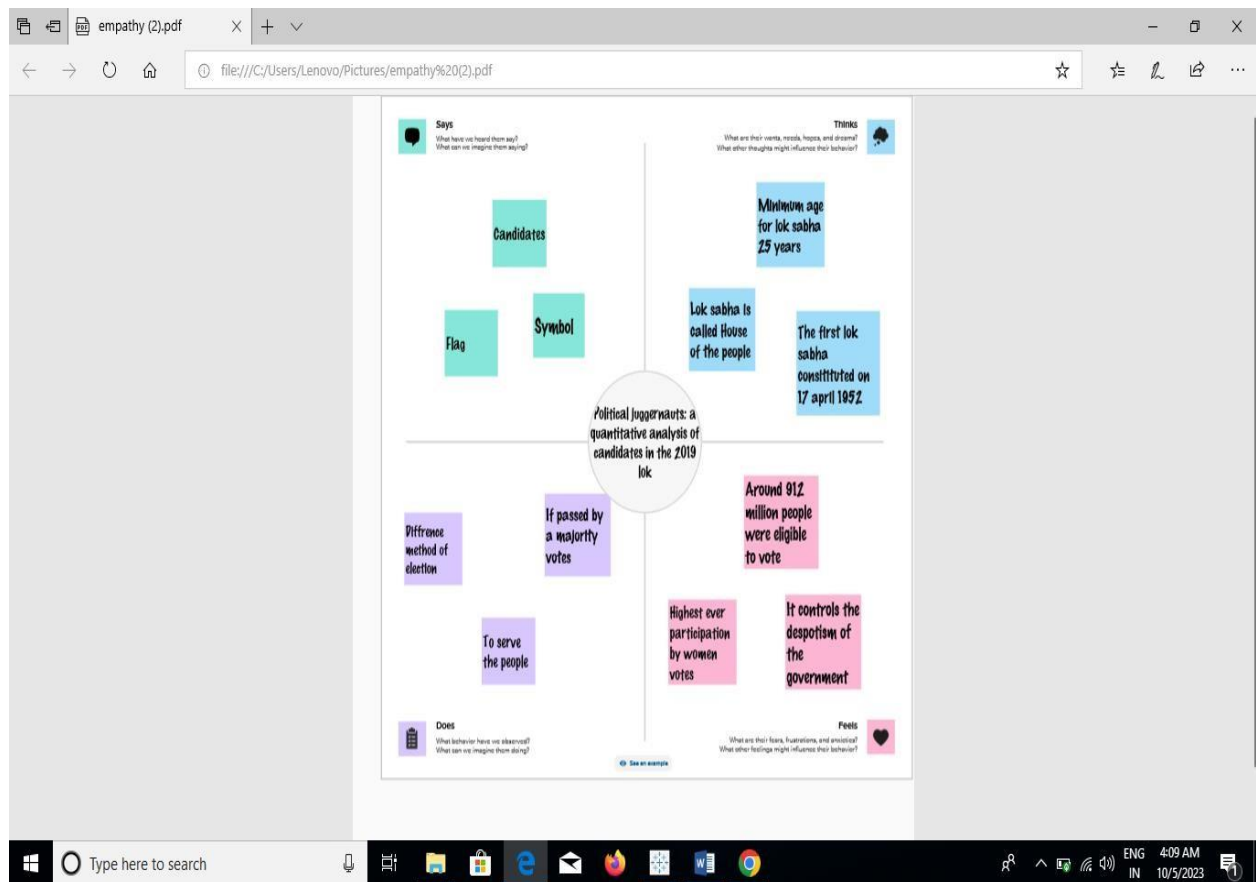
**The Bharath Janata Party received 37.36% of the vote, the highest vote share by a political party since the 1989 general election, and won 303 seats, further increasing its substantial majority. In addition, the BJP-led National Democratic Alliance (NDA) won 353 seats.**

# MILESTONE:1

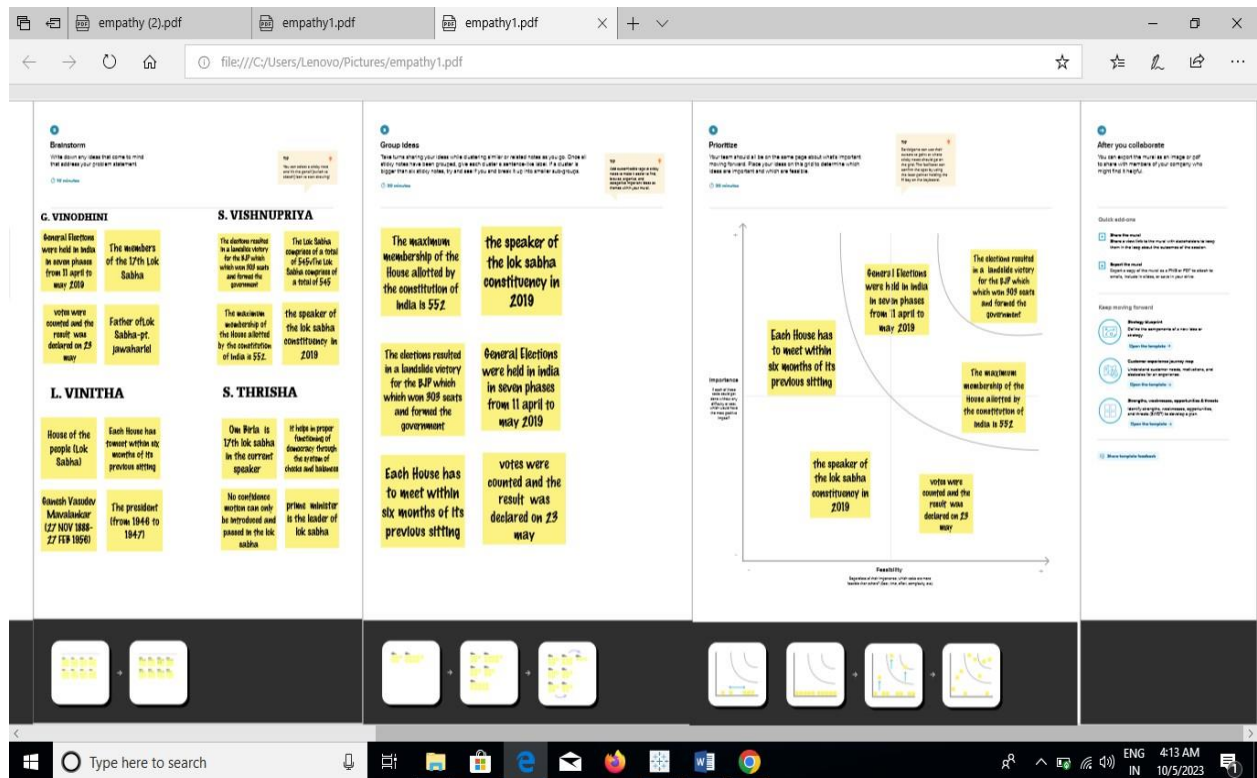
## DEFINE PROBLEM / PROBLEM UNDERSTANDING

- ❖ Specify the business problem
- ❖ Business requirements
- ❖ Literature survey
- ❖ Social of business impact

## Empathy Map



[illegible]



## MILESTONE 2: Date Collection

### Activity 1: Collect the dataset

### Downloading the dataset

FileHomeInsertPage LayoutFormulasDataReviewViewTell me what you want to do...Sign inShare

CutCopyFormat PainterClipboard

Font

Alignment

Number

General

Conditional Formatting

Format as Table

Cell Styles

Insert

Delete

Format

Cells

AutoSum

Fill

Clear

Sort & Filter

Find & Select

STATE

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	STATE	CONSTITU NAME	WINNER	PARTY	SYMBOL	GENDER	CRIMINA	AGE	CATEGORY	EDUCATIC	ASSETS	LIABILITIES	GENERAL	POSTAL	TOTAL	OVER	OVER	TOTAL ELECTORS			
2	Telangana	ADILABAC SOYAM B	1	BJP	Lotus	MALE		52	52 ST	12th Pass	Rs	Rs	376892	482	377374	25.33068	35.46825	1489790			
3	Telangana	ADILABAC Godam Na	0	TRS	Car	MALE		0	54 ST	Post Grad	Rs	Rs	318665	149	318814	21.39993	29.96437	1489790			
4	Telangana	ADILABAC RATHOD R	0	INC	Hand	MALE		3	52 ST	12th Pass	Rs	Rs	314057	181	314238	21.09277	29.53429	1489790			
5	Telangana	ADILABAC NOTA	0	NOTA									13030	6	13036	0.875023	1.225214	1489790			
6	Uttar Prad	AGRA Satyapal S	1	BJP	Lotus	MALE		5	58 SC	Doctorate	Rs	Rs	644459	2416	646875	33.38382	56.46461	1937690			
7	Uttar Prad	AGRA Manoj Kumar	0	BSP	Elephant	MALE		0	47 SC	Post Grad	Rs	Rs	434199	1130	435329	22.46639	37.99913	1937690			
8	Uttar Prad	AGRA Preeti Ha	0	INC	Hand	FEMALE		0	54 SC	Post Grad	Rs	Rs 0	44877	272	45149	2.330042	3.940979	1937690			
9	Maharash	AHMADN/Dr. SUJAY	1	BJP	Lotus	MALE		0	37 GENERAL	Doctorate	Rs	Rs	696961	7699	704660	37.85653	58.42516	1861396			
10	Maharash	AHMADN/ SANGRAM	0	NCP	Clock	MALE		1	34 GENERAL	Graduate	Rs	Rs	419364	3822	423186	22.73487	35.08743	1861396			
11	Maharash	AHMADN/ SUDHAKA	0	VBA	Cup & Sau	MALE		0	62 GENERAL	Graduate	Rs	Rs	31644	163	31807	1.708771	2.6372	1861396			
12	Gujarat	AHMEDAE Patel Hasr	1	BJP	Lotus	MALE		0	58 GENERAL	Others	Rs	Rs	745810	4024	749834	41.38497	67.00546	1811851			
13	Gujarat	AHMEDAE Gitaben P	0	INC	Hand	FEMALE		6	38 GENERAL	10th Pass	Rs	Rs	312883	2621	315504	17.41335	28.19356	1811851			
14	Gujarat	AHMEDAE DR. KIRIT I	1	BJP	Lotus	MALE		0	69 SC	Post Grad	Rs	Rs 0	638241	3381	641622	39.04432	64.21145	1643317			
15	Gujarat	AHMEDAE RAJU PARI	0	INC	Hand	MALE		0	68 SC	Graduate	Rs	Rs	317797	2279	320076	19.47743	32.03217	1643317			
16	Gujarat	AHMEDAE NOTA	0	NOTA									14580	139	14719	0.895688	1.47303	1643317			
17	Gujarat	AHMEDAE TRIBHOVA	0	BSP	Elephant	MALE		0	66 SC	8th Pass	Rs	Rs 0	9909	119	10028	0.610229	1.00357	1643317			
18	Rajasthan	AJMER Bhagirath	1	BJP	Lotus	MALE		0	64 GENERAL	12th Pass	Rs	Rs	811091	3985	815076	43.43954	64.52235	1876346			
19	Rajasthan	AJMER Riju Jhun	0	INC	Hand	MALE		0	40 GENERAL	Graduate	Rs	Rs	397420	1232	398652	21.24619	31.55775	1876346			
20	Rajasthan	AJMER Durga Lal	0	BSP	Elephant	MALE		0	60 SC	Post Grad	Rs	Rs	13547	71	13618	0.725772	1.078016	1876346			
21	Rajasthan	AJMER Vishram B	0	APol	Coat	MALE		0	60 SC	Post Grad	Rs	Rs	13036	5	13041	0.695021	1.03234	1876346			
22	Uttar Prad	AKBARPU/Devendra	1	BJP	Lotus	MALE		0	64 GENERAL	10th Pass	Rs	Rs	577603	3679	581282	32.91292	56.62023	1766121			
23	Uttar Prad	AKBARPU/ Nisha Sac	0	BSP	Elephant	FEMALE		0	46 GENERAL	Post Grad	Rs	Rs	304553	1587	306140	17.33403	29.81981	1766121			

LS\_2.0

Ready

Data Collection is the process of gathering and measuring information on variables of interest, in an established systematic fashion that enables one to answer stated research questions, test hypotheses, and evaluate outcomes and generate insights from the data.

## Activity 1.1: Understand the data

Data contains all the meta information regarding the columns described in the CSV file. We have provided CSV file:

Column description for LG. Csv

1. **State:** It is Dimension in LG Data, which represents state names.
2. **Constituency:** It is also Dimension shows the constituency of states.
3. **Name:** participates names from their party.
4. **Party:** name of the party.
5. **Symbol:** party symbol.
6. **Gender:** gender of the participates.
7. **Criminal cases:** cases on party participates.
8. **Educational qualification:** Voter's education.
9. **Category:** It shows their category like BC, Sc OBC.
10. **Winners:** It is a measure that shows the winners in the data.
11. **Age:** It shows the age candidates.
12. **Assets:** It shows assets values of the states.
13. **Liabilities:** It shows the all liabilities of the states.
14. **General votes:** It shows the total general votes.
15. **Postal votes:** postal votes from the country.
16. **Total electors:** total count of electors in a country.



## Activity 2: Connecting Dataset to Tableau

The screenshot shows the Tableau interface with a file explorer window open, displaying the contents of the 'Documents' folder. The file 'LS\_2.0' is selected. The Tableau interface shows the 'Discover' section on the right, the 'Accelerators' section at the bottom, and the 'Connections' section on the left. The 'Connections' section shows 'LS\_2.0 (LS\_2.0)' as the selected connection. The 'Sheets' section shows 'LS\_2.0' as the selected sheet. The 'Fields' section shows the fields 'State', 'Physical Table', and 'Remote Fiel...'. The 'Data Source' section shows 'LS\_2.0' as the selected data source. The 'Table' section shows the data for 'LS\_2.0' with columns: State, Constituency, Name, Winner, Party, and Symt. The table contains 20 rows of data.

State	Constituency	Name	Winner	Party	Symt
Telangana	ADILABAD	SOYAM BAPU RAO	1	BJP	Lotu
Telangana	ADILABAD	Godam Nagesh	0	TRS	Car
Telangana	ADILABAD	RATHOD RAMESH	0	INC	Han
Telangana	ADILABAD	NOTA	0	NOTA	
Litfar Pradesh	AGRA	Sahvawal Singh Raahel	1	RJP	Lofu

## MILESTONE 3: Data Preparation

### Activity 1: Preparation the data for Visualization



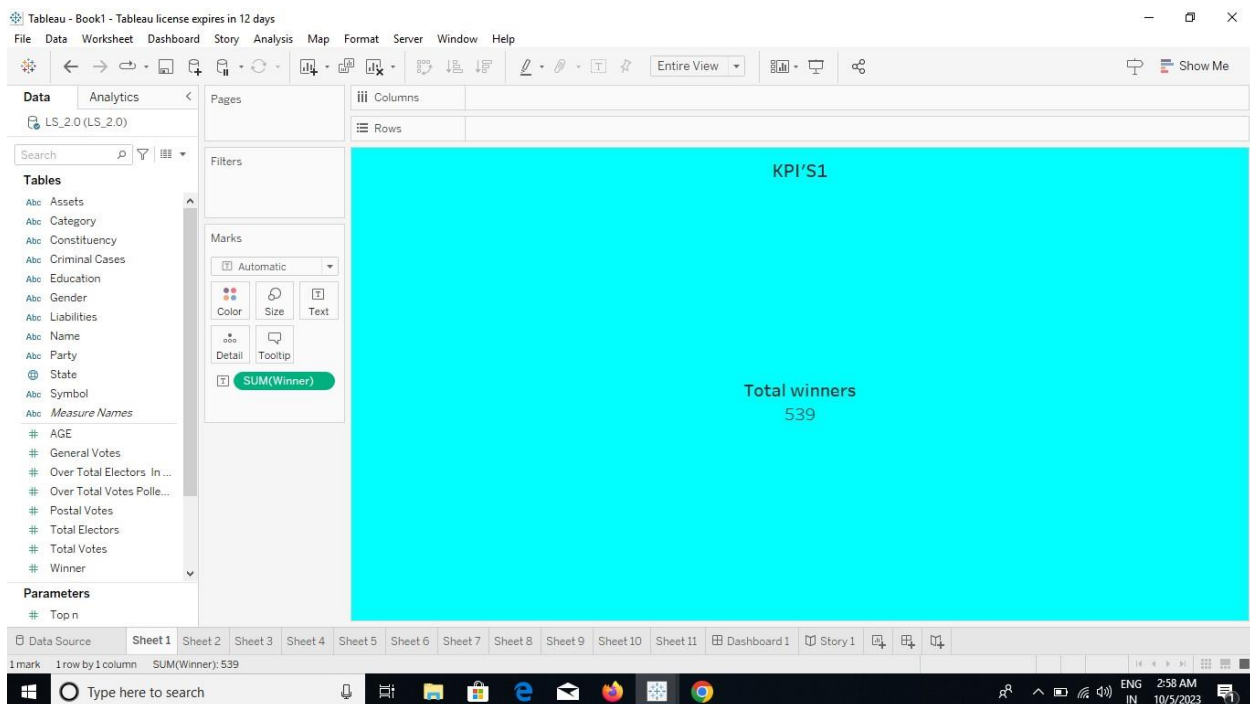
Preparing the data for visualization involves cleaning the data to remove irrelevant or missing data, transforming the data into a format that can be easily visualized, exploring the data to identify patterns and trends, filtering the data to focus on specific subsets of data, preparing the data for visualization software, and ensuring the data is accurate and complete. This process helps to make the data easily understandable and ready for creating visualization to gain insights into our analysis.

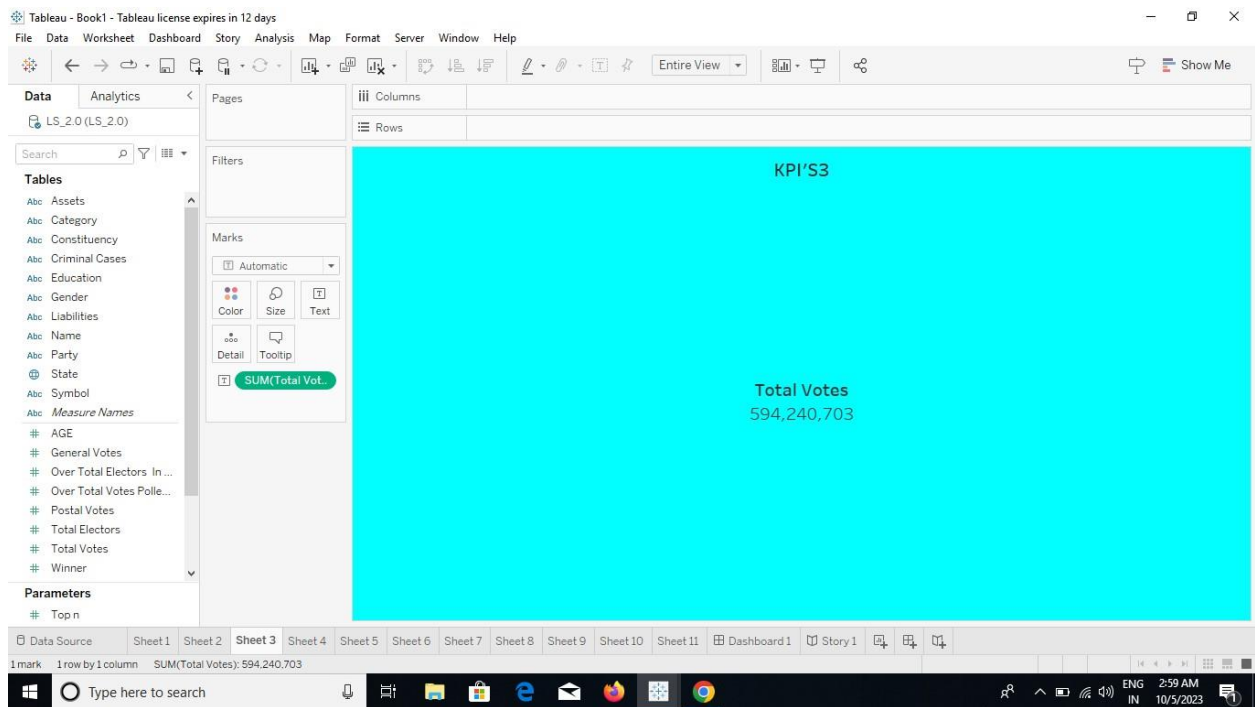
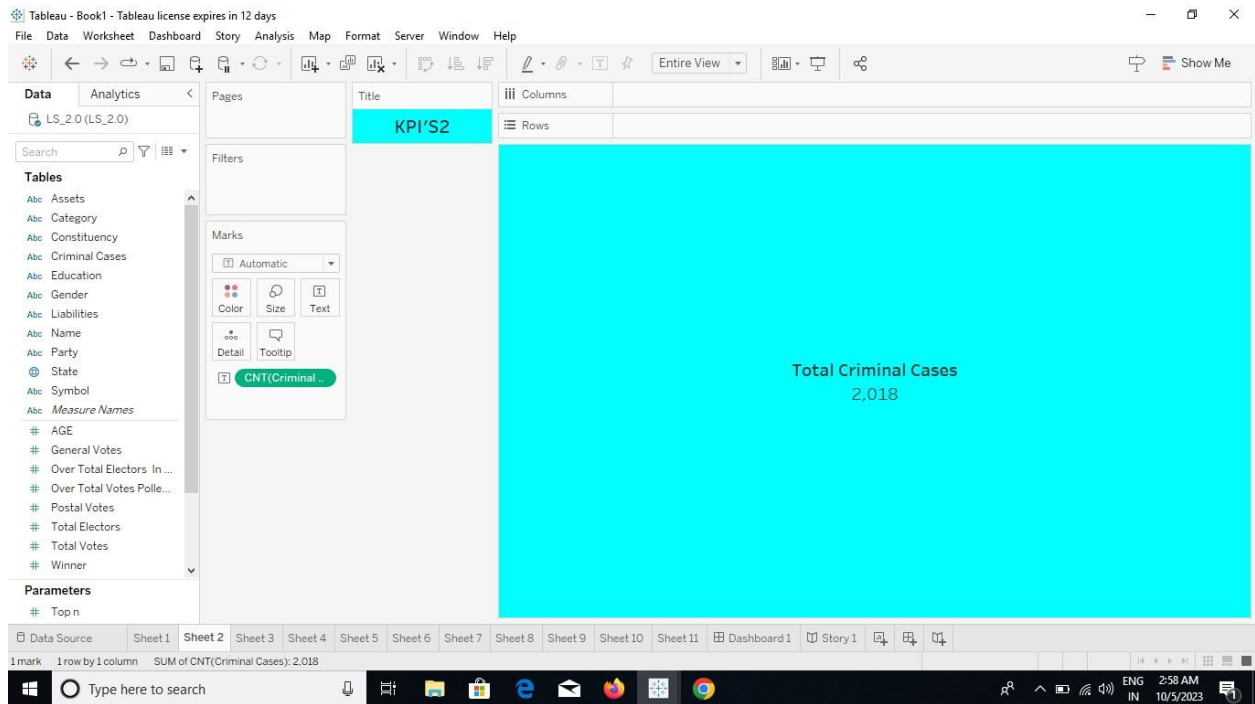
STATE	CONSTITU NAME	WINNER	PARTY	SYMBOL	GENDER	CRIMINA	AGE	CATEGORY	EDUCATION	ASSETS	LIABILITIES	GENERAL	POSTAL	TOTAL	OVER	OVER	TOTAL ELECTORS
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Telangana	ADILABAD Godam N...	0	TRS	Car	MALE	0	54	ST	Post Grad	Rs	Rs	318665	149	318814	21.39993	29.96437	1489790
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Uttar Prad	AGRA Preeti H	0	INC	Hand	FEMALE	0	54	SC	Post Grad	Rs	Rs	44877	272	45149	2.330042	3.940979	1937690
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Gujarat	AHMEDAE Patel Hasr	1	BJP	Lotus	MALE	0	58	GENERAL	Others	Rs	Rs	745810	4024	749834	41.38497	67.00546	1811851
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## Milestone 4: Data visualization

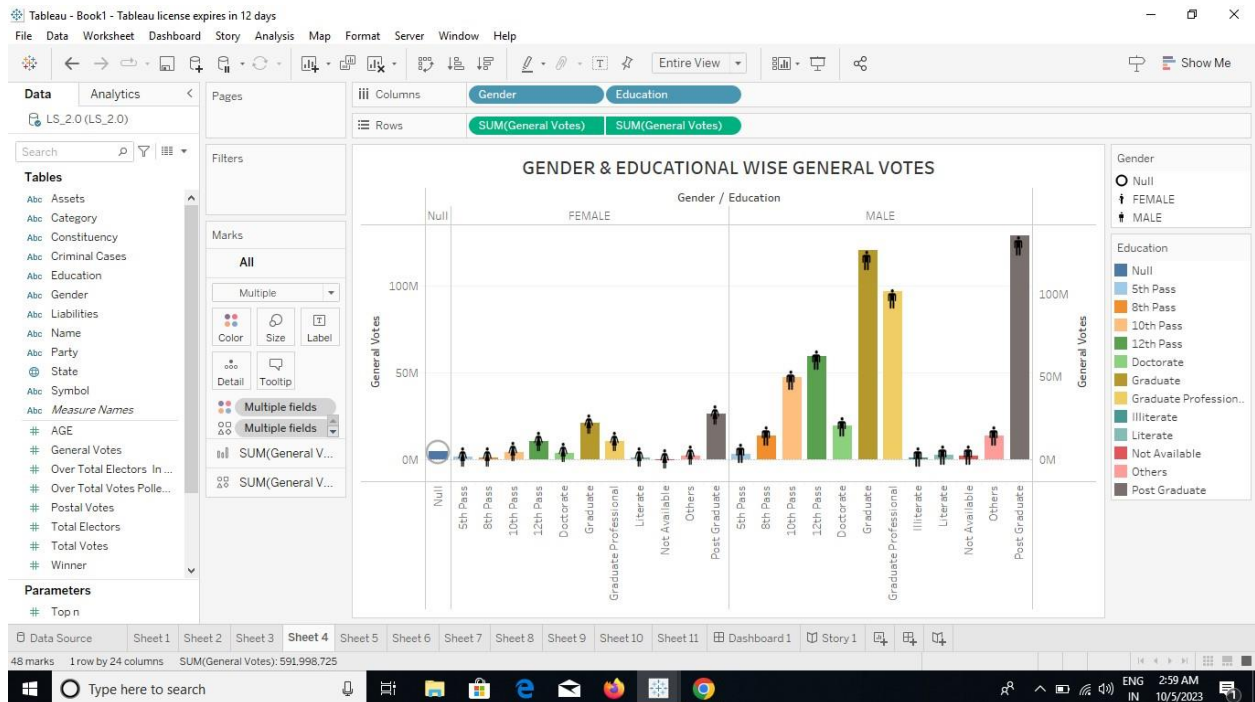
Data visualization is the process of creating graphical representations of data in order to help people understand and explore the information. The goal of data visualization is to make complex data sets more accessible, intuitive and easier to interpret. By using visual elements such as charts, graphs and maps, data visualization can help people quickly identify patterns, trends and outliers in the data.

## Activity 1.1: KPI'S

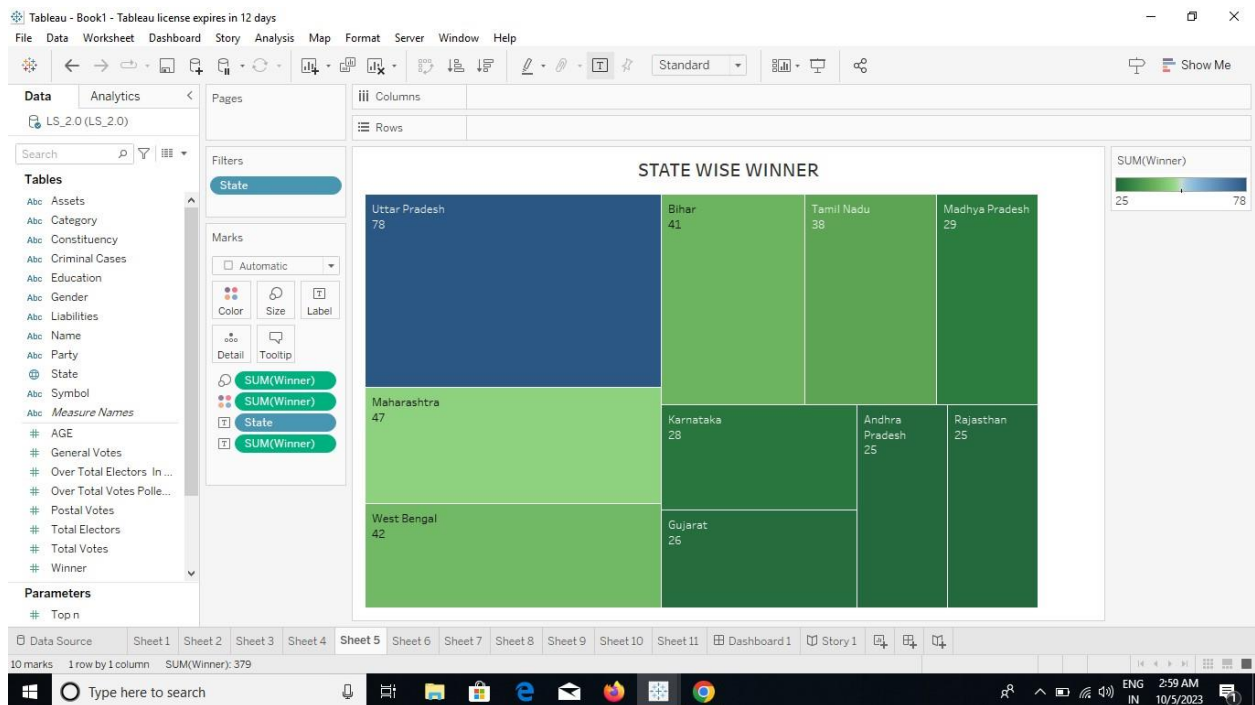




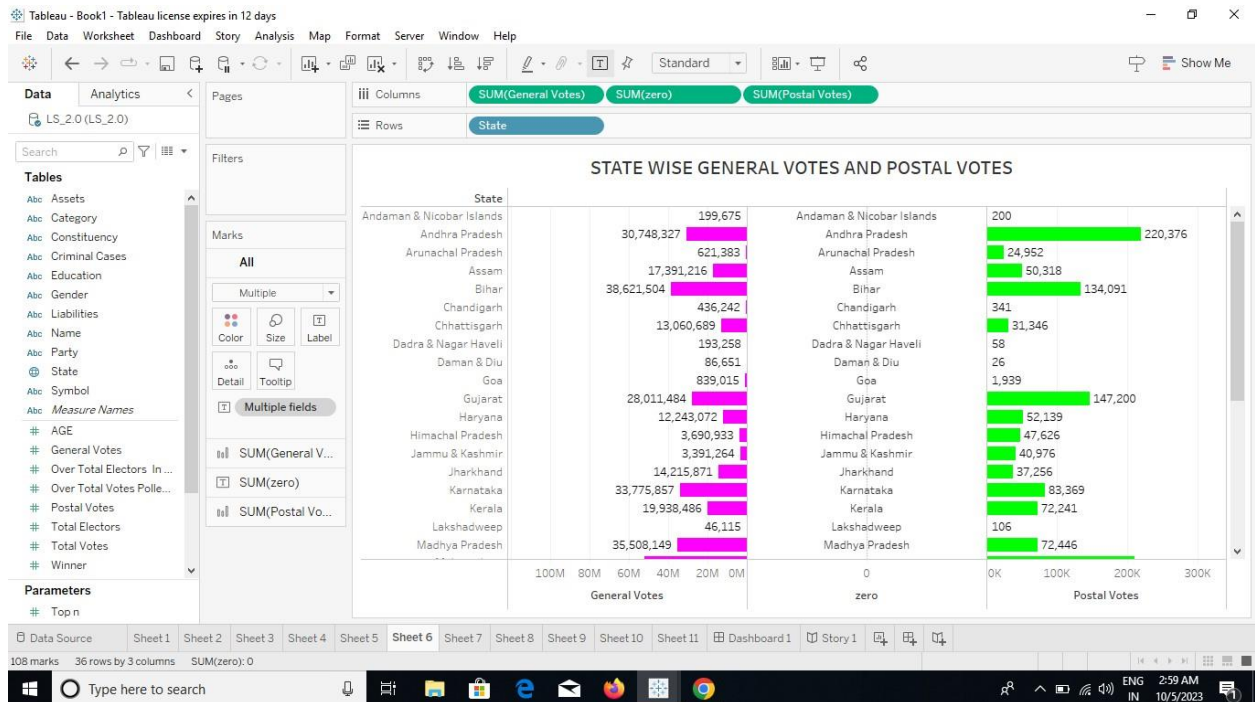
## Activity 1.2: Gender and educational Wise General Votes



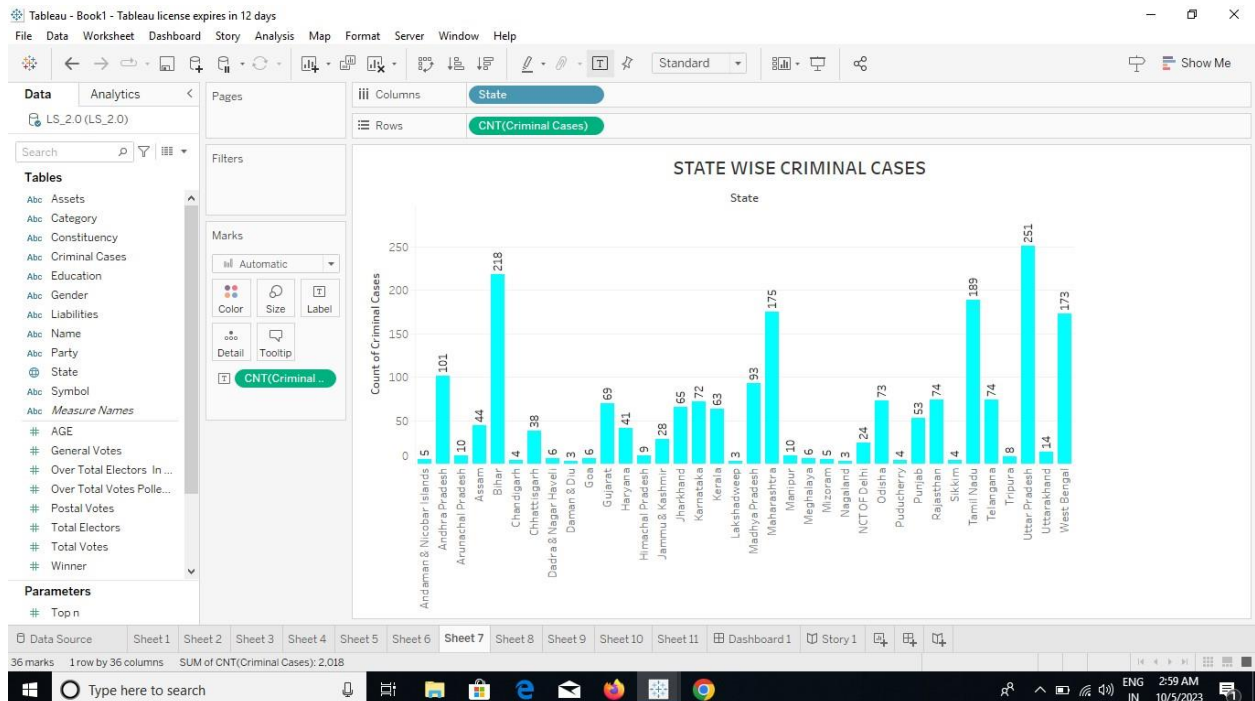
## Activity 1.3: State Wise Winner



## Activity 1.4: State Wise General Votes and Postal Votes

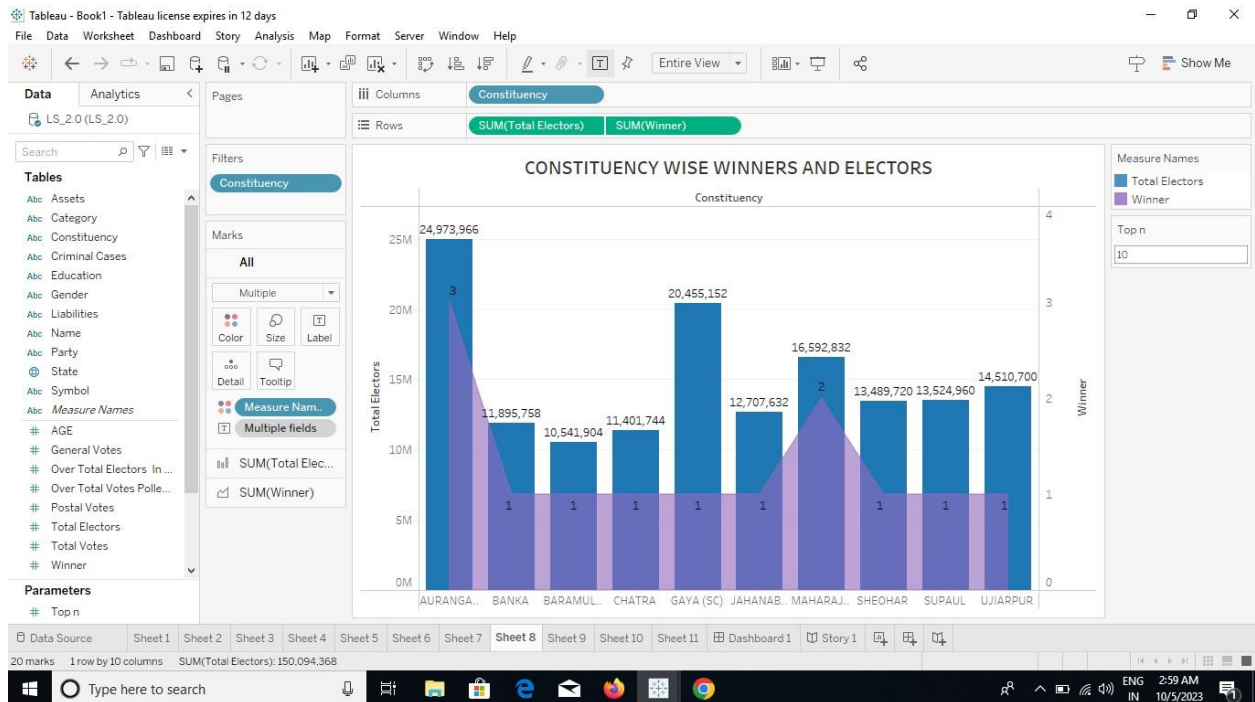


## Activity 1.5: State wise Criminal Cases

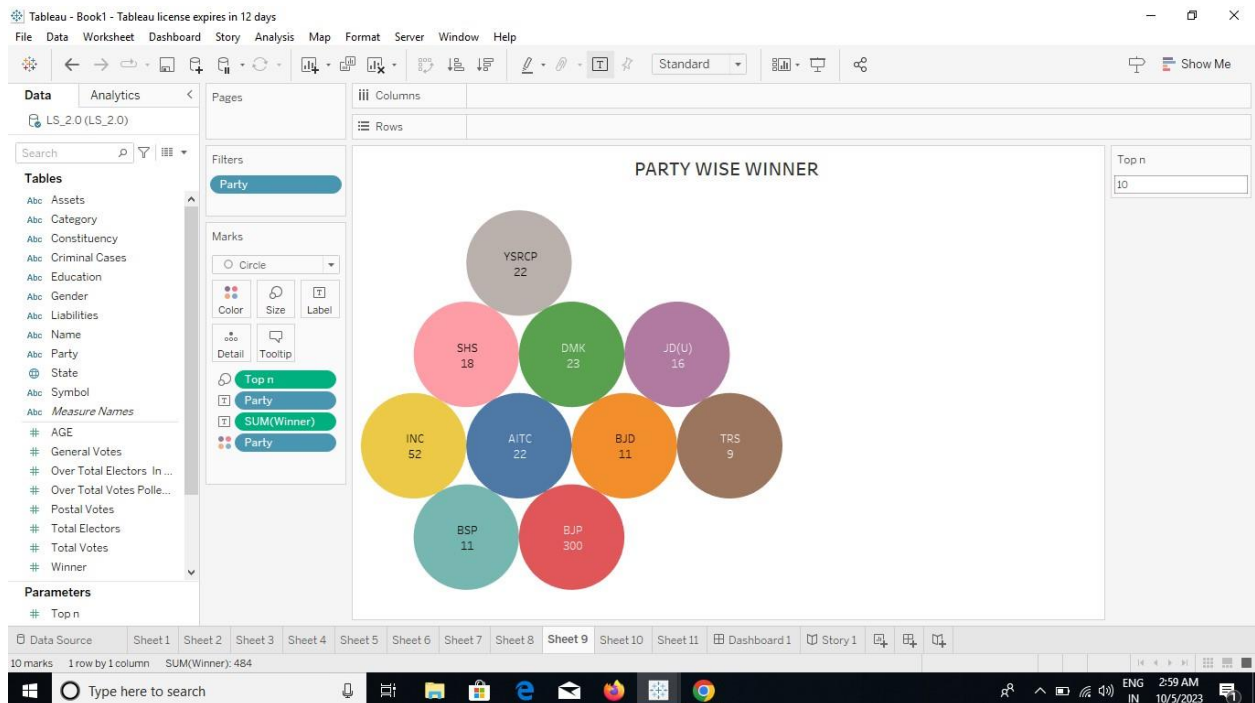


## Activity 1.6: Constituency Wise Winners and Electors

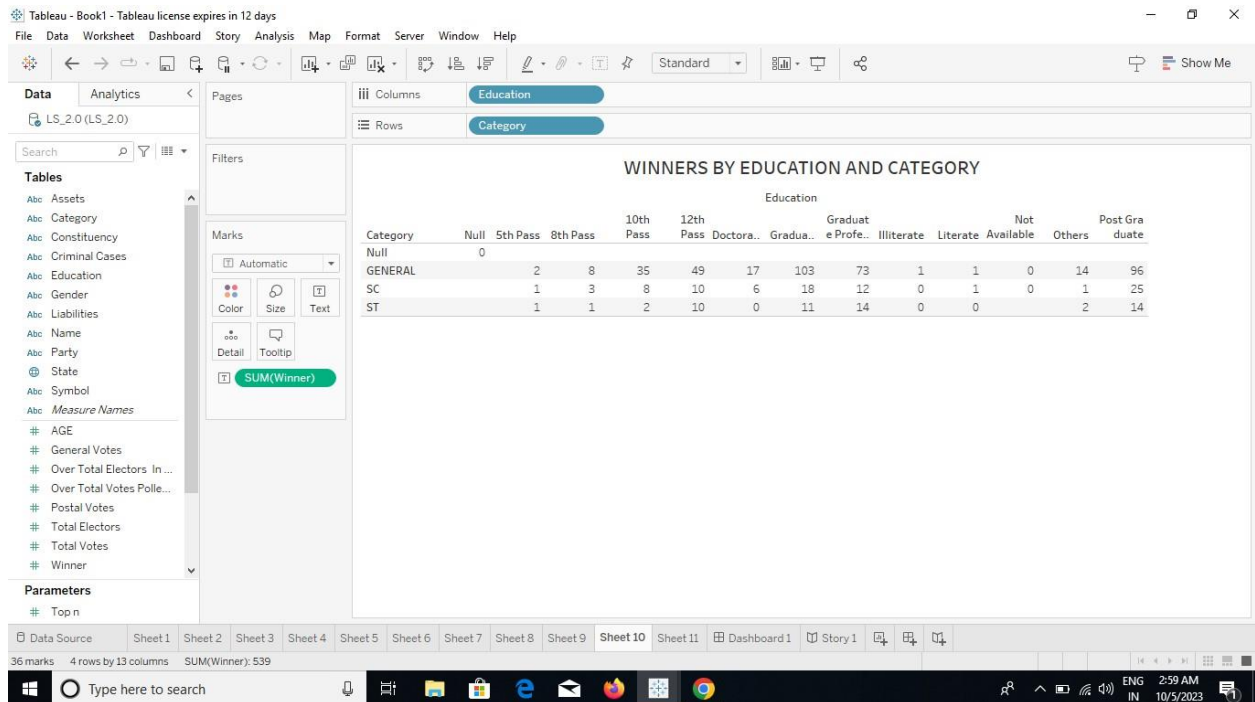




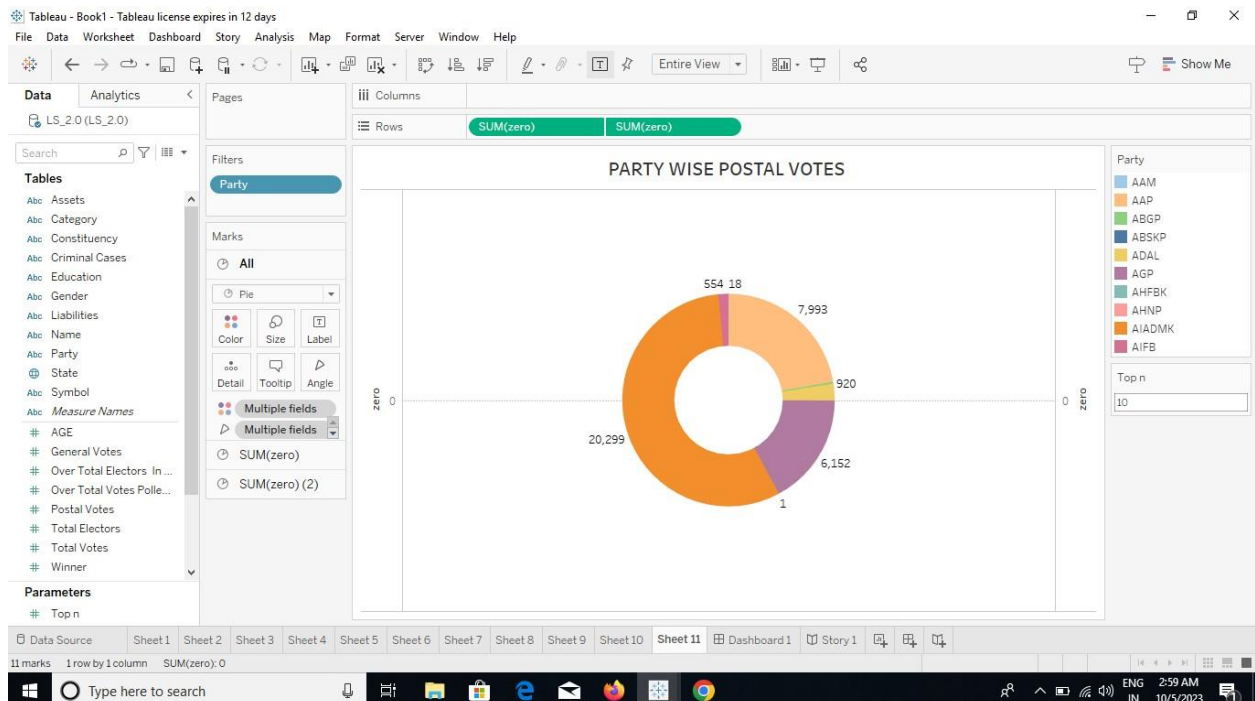
## Activity 1.7: Party Wise Winners



## Activity 1.8: Winners by Education and Category



## Activity 1.9: Party wise Postal votes



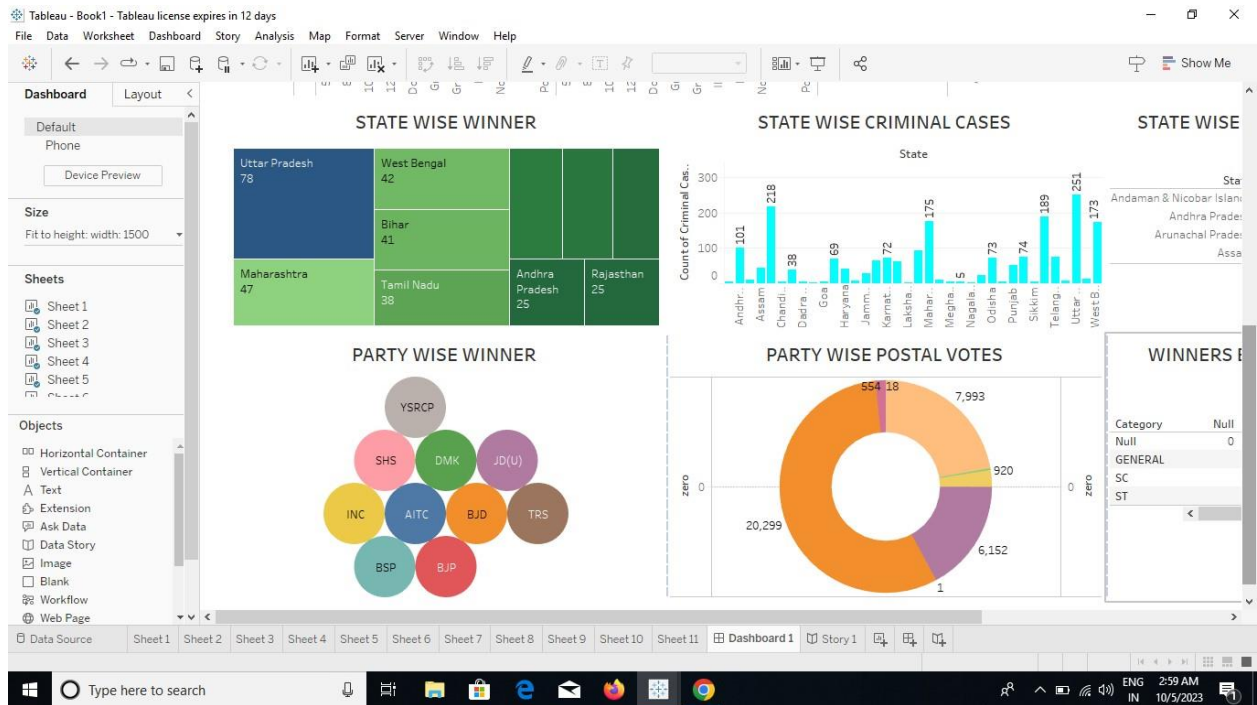
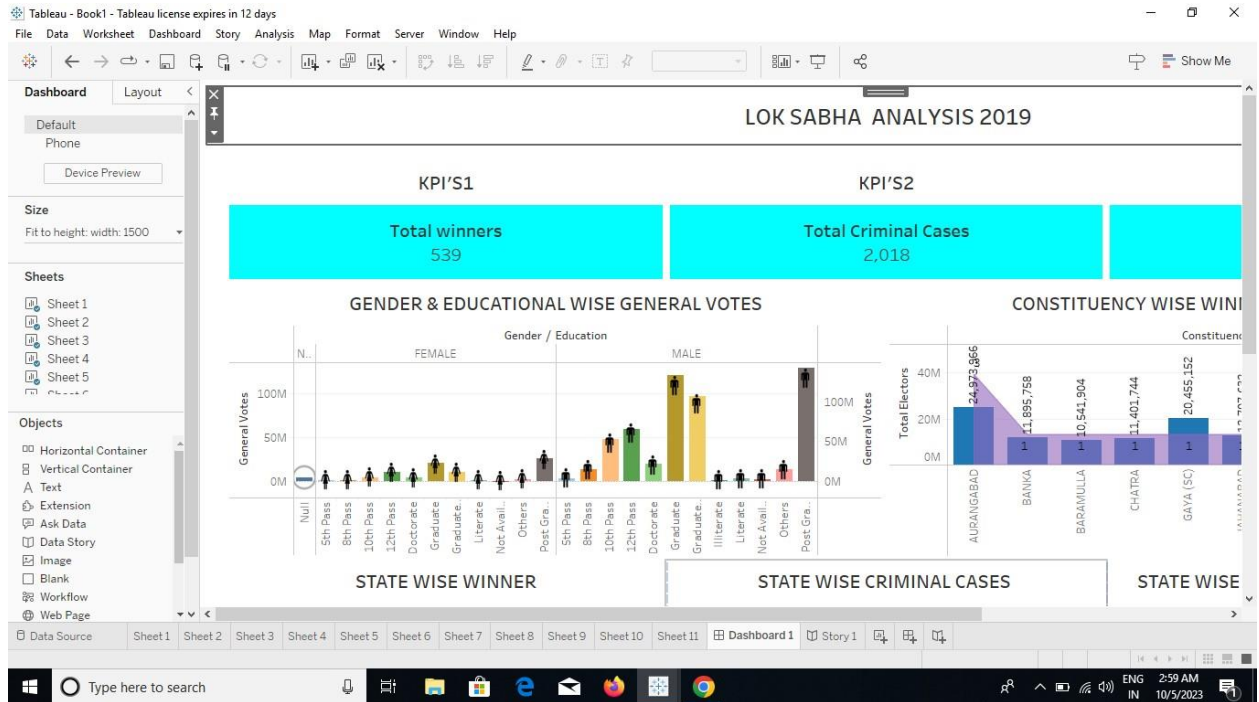
## Milestone 5: Dashboard



A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format. Dashboards are often used to provide real-time monitoring and analysis of data, and are typically designed for a specific purpose or use case. Dashboards can be used in a variety of settings, such as business, finance, manufacturing, healthcare, and many other industries. They can be used to track key performance indicators (KPIs), monitor performance metrics, and display data in the form of charts, graphs and tables.

### **Activity 1- Responsive and Design of Dashboard.**

Once you have created views on different sheets in Tableau, you can pull them into a dashboard.

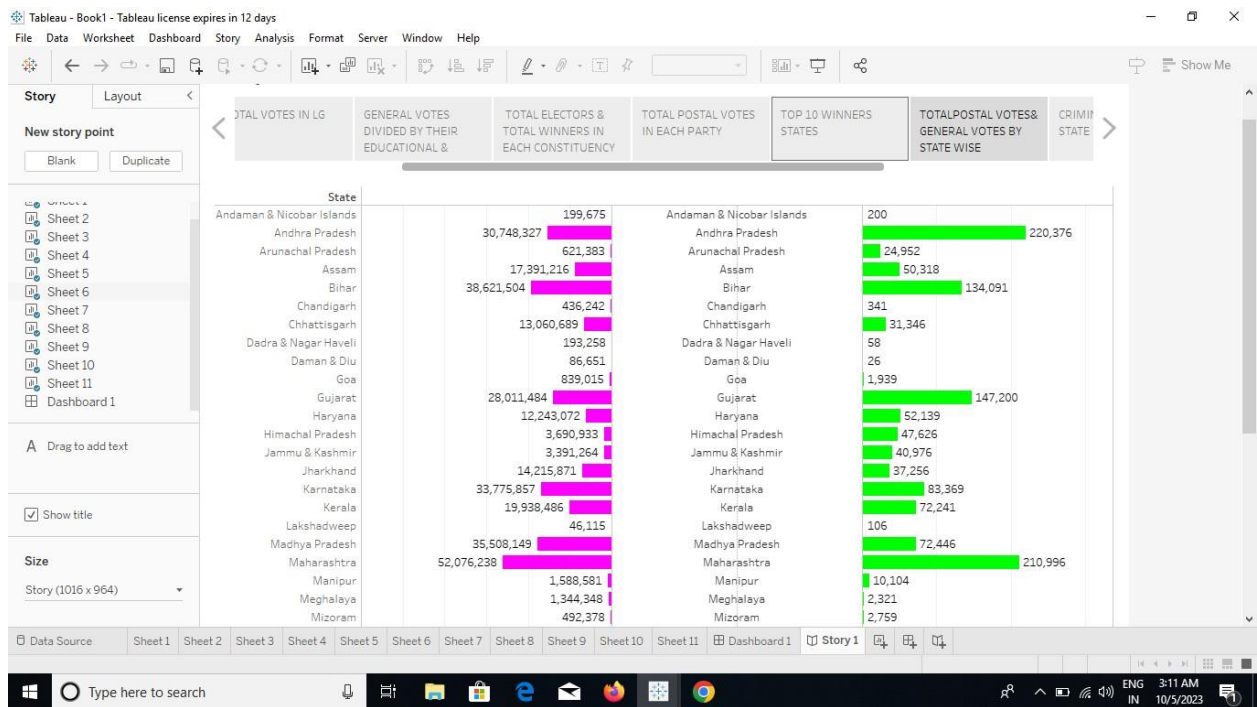
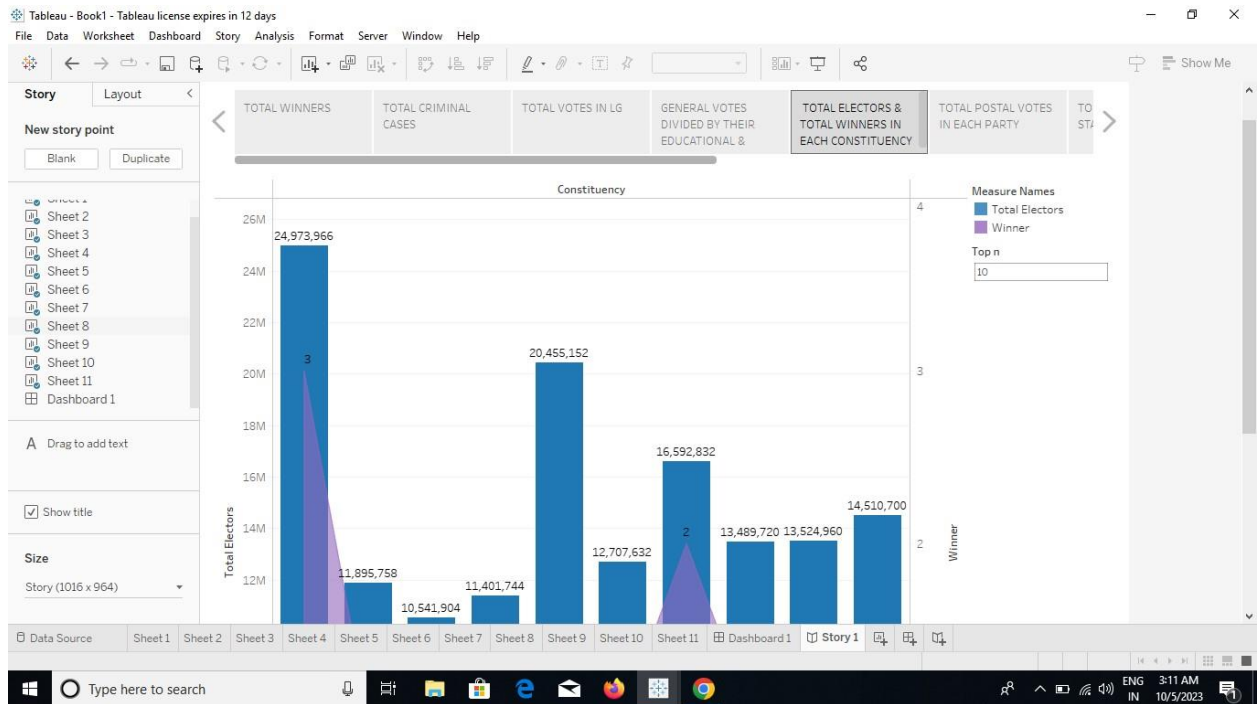


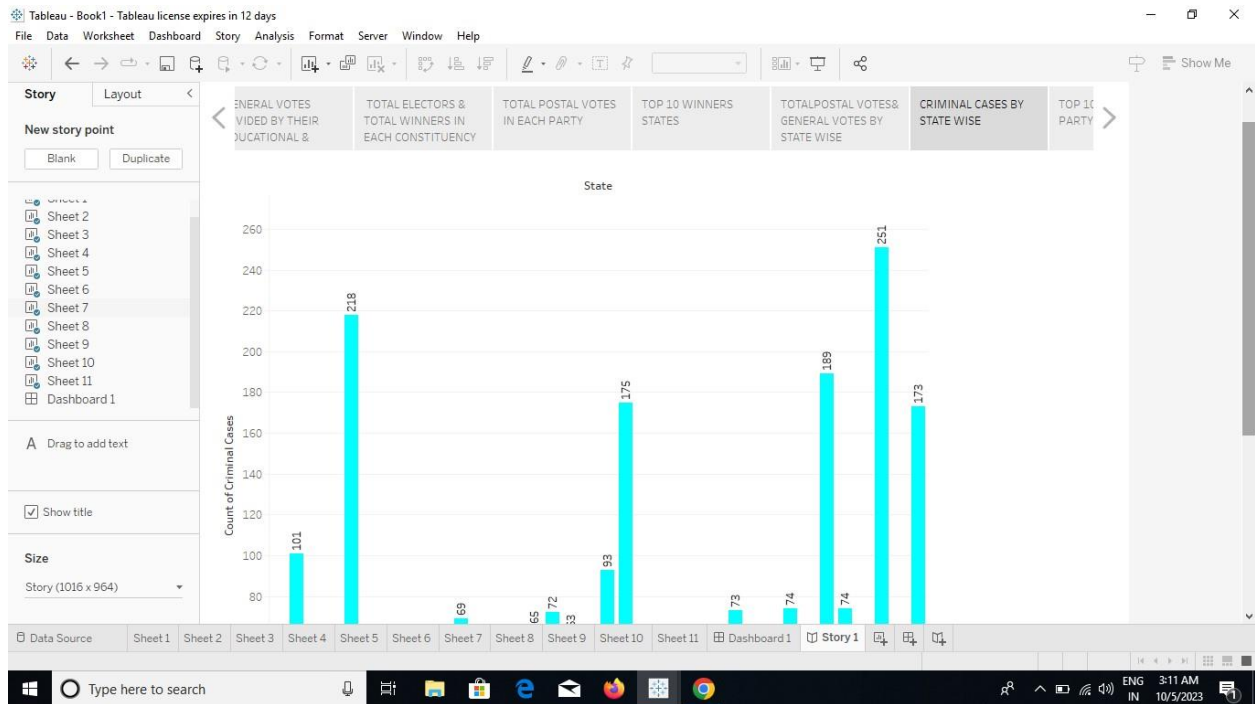
## **MILESTONE 6: STORY**

A data story is a way of presenting data and analysis in a narrative format, with the goal of making the information more engaging and easier to understand. A data story typically includes a clear introduction that sets the stage and explains the context for the data, a body that presents the data and analysis in a logical and systematic way, and a conclusion that summarizes the key findings and highlights their implications. Data stories can be told using a variety of mediums, such as reports, presentations, interactive visualizations and videos.

### **Activity-1- Number of Scenes of Story**

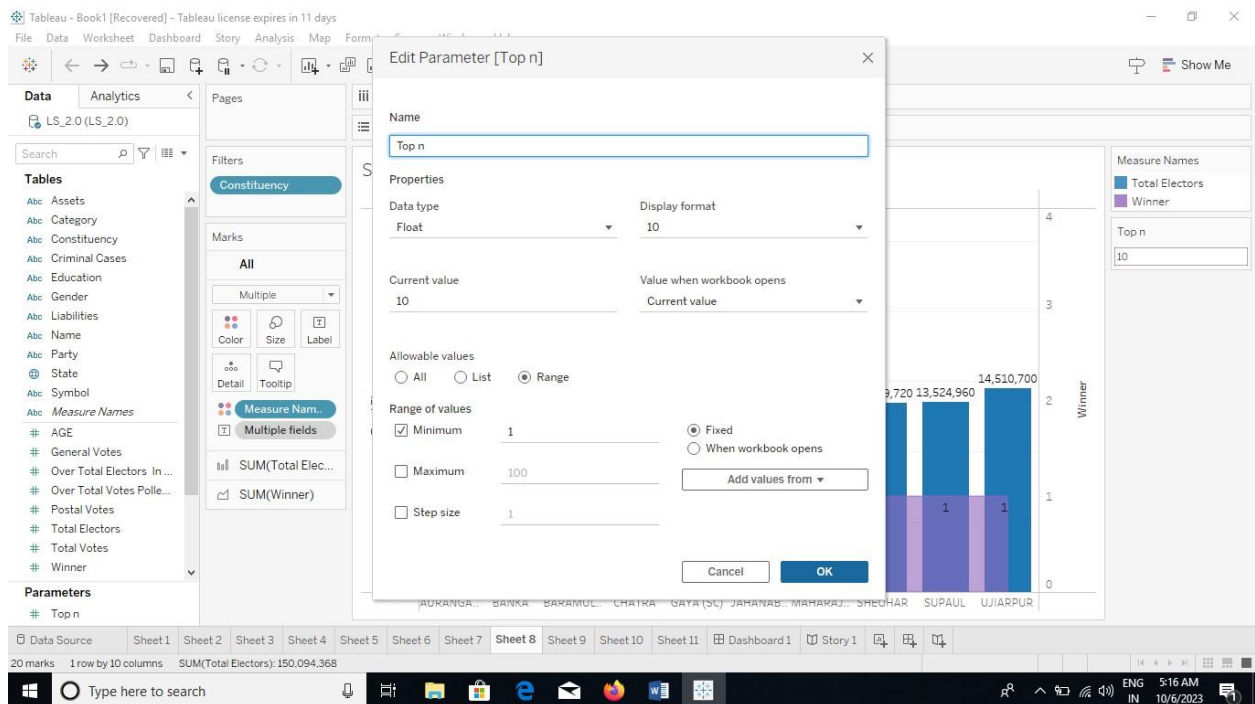
A Storyboard is a visual representation of the data analysis process and it breaks down the analysis in to a series of steps or scenes.





## MILESTONE 7: Performance Testing

### ACTIVITY 1: Utilization of Filters



## Activity 2: Number of Visualization

- KPI'S
- Gender & educational Wise General Votes.
- State Wise Winner.
- State Wise General Votes and Postal Votes.
- State wise Criminal Cases.
- Constituency wise Winners and Electors.
- Party wise Winners.
- Winners by Education and Category. ➤ Party wise Postal Votes.

## MILESTONE 8: Publishing

Publishing helps us to track and monitor key performance metrics, to communicate results and progress. Help a publisher stay informed, make better decisions, and communicate their performance to others.

### Step 1:

Go to data Source and Select Extract so that hyper extension files are created and save it at your desktop.

Tableau - Book2 - Tableau license expires in 11 days

File Data Server Window Help

Connections Add

LOK SABHA ... DASHBOARD  
Tableau Extract

Table

Extract (Extract.Extract)

New Table Extension

Extract

Need more data?  
Drag tables here to relate them. [Learn more](#)

Connection  
☐ Live ☒ Extract Edit Refresh 0 Add  
Extract will contain all data.

19 fields 2263 rows

100 rows

Name	State	Constituency	Name	Winner	Party	Sym
LS_2.0	Telangana	ADILABAD	SOYAM BAPU RAO	1	BJP	Lotu
LS_2.0	Telangana	ADILABAD	Godam Nagesh	0	TRS	Car
LS_2.0	Telangana	ADILABAD	RATHOD RAMESH	0	INC	Han
LS_2.0	Telangana	ADILABAD	NOTA	0	NOTA	
LS_2.0	Uttar Pradesh	AGRA	Sahvanal Singh Rashed	1	RJP	Infu

Data Source Sheet 1

Type here to search

**Step 2:** Go to Dashboard, click on share button on the ribbon.

Tableau - Book1 [Recovered] - Tableau license expires in 11 days

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Dashboard Layout

Default  
Phone  
Device Preview

Size  
Fit to height: width: 1500

Sheets

Sheet 1  
Sheet 2  
Sheet 3  
Sheet 4  
Sheet 5

Objects

Horizontal Container  
Vertical Container  
Text  
Extension  
Ask Data  
Data Story  
Image  
Blank  
Workflow  
Web Page

LOK SABHA ANALYSIS 2019

KPI'S1

Sheet 2

Sheet 3

Sheet 4

Sheet 5

Sheet 6

Sheet 7

Sheet 8

Sheet 10

Sheet 11

Dashboard 1

Story 1

Share via Tableau Server or Tableau Cloud

Server: <https://public.tableau.com>

Quick Connect  
Tableau Cloud

Don't have a Tableau Server or Tableau Cloud account? Quickly create a Tableau Cloud site to share your work.

Create Site >>

Connect Cancel

General Votes

General Electors

Constituents

24,973,866

11,895,758

10,541,904

11,401,744

20,455,152

AURANGABAD

BANKA

BAGANULLA

CHATRA

GAYA (SC)

General Votes

General Electors

Constituents

24,973,866

11,895,758

10,541,904

11,401,744

20,455,152

AURANGABAD

BANKA

BAGANULLA

CHATRA

GAYA (SC)

General Votes

General Electors

Constituents

24,973,866

11,895,758

10,541,904

11,401,744

20,455,152

AURANGABAD

BANKA

BAGANULLA

CHATRA

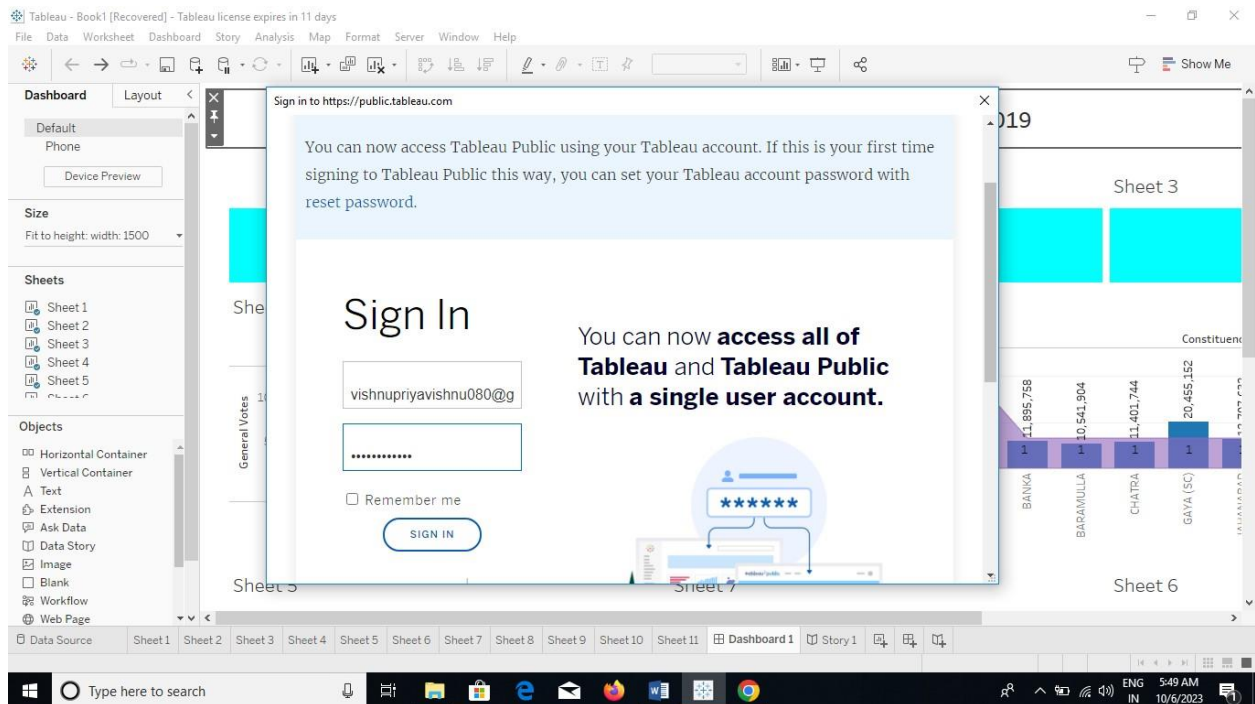
GAYA (SC)

Type here to search

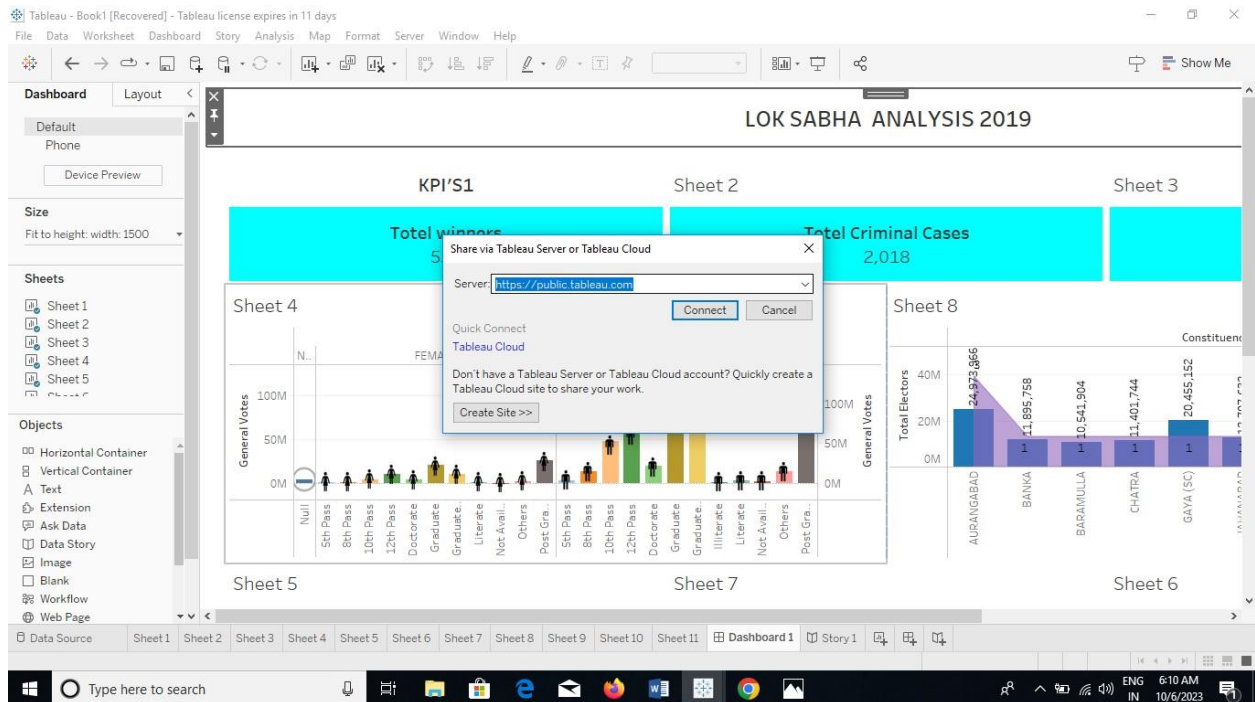


Click on save button to start the publishing process.  
Tableau Desktop will upload your workbook to tableau public.

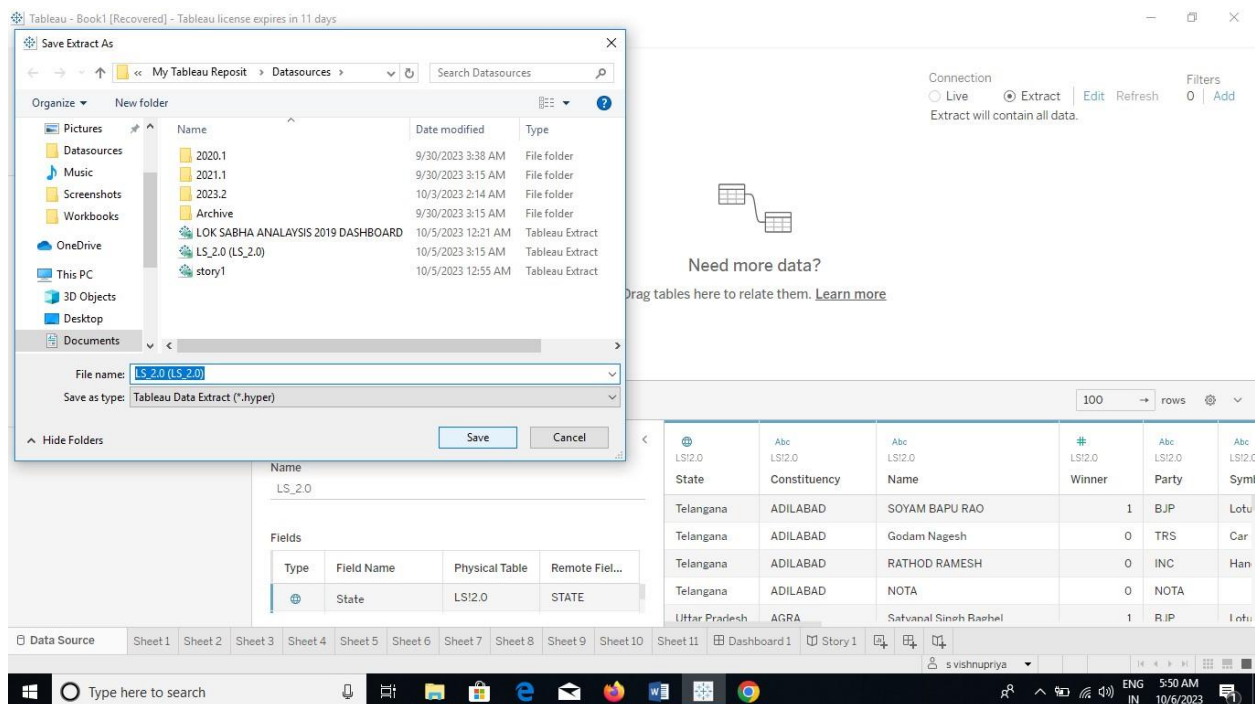
## Sign in to Tableau Public Account



Click on share button and copy the embed code.



- Create new folder.
- Create html page and paste the embed code in the html page.



Created dashboard.html page



**Step 1:** Go to data Source and select extract so that hyper extension files are created and save it at your desktop.

Tableau - Book1 - Tableau license expires in 12 days

File Data Server Window Help

Connections Add

LS\_2.0 Microsoft Excel

Sheets

☐ Use Data Interpreter  
Data Interpreter might be able to clean your Microsoft Excel workbook.

LS\_2.0

New Union

New Table Extension

LS\_2.0 (LS\_2.0)

Connection  
☐ Live ☒ Extract Edit Refresh  
Extract will contain all data.

Filters  
0 Add

LS\_2.0

Need more data?  
Drag tables here to relate them. [Learn more](#)

LS\_2.0

rows

Name	State	Constituency	Name	Winner	Party	Symt
LSI2.0	Abc	LSI2.0	Abc	LSI2.0	Abc	LSI2.0

Fields

Type	Field Name	Physical Table	Remote Fiel...
+	State	LSI2.0	STATE

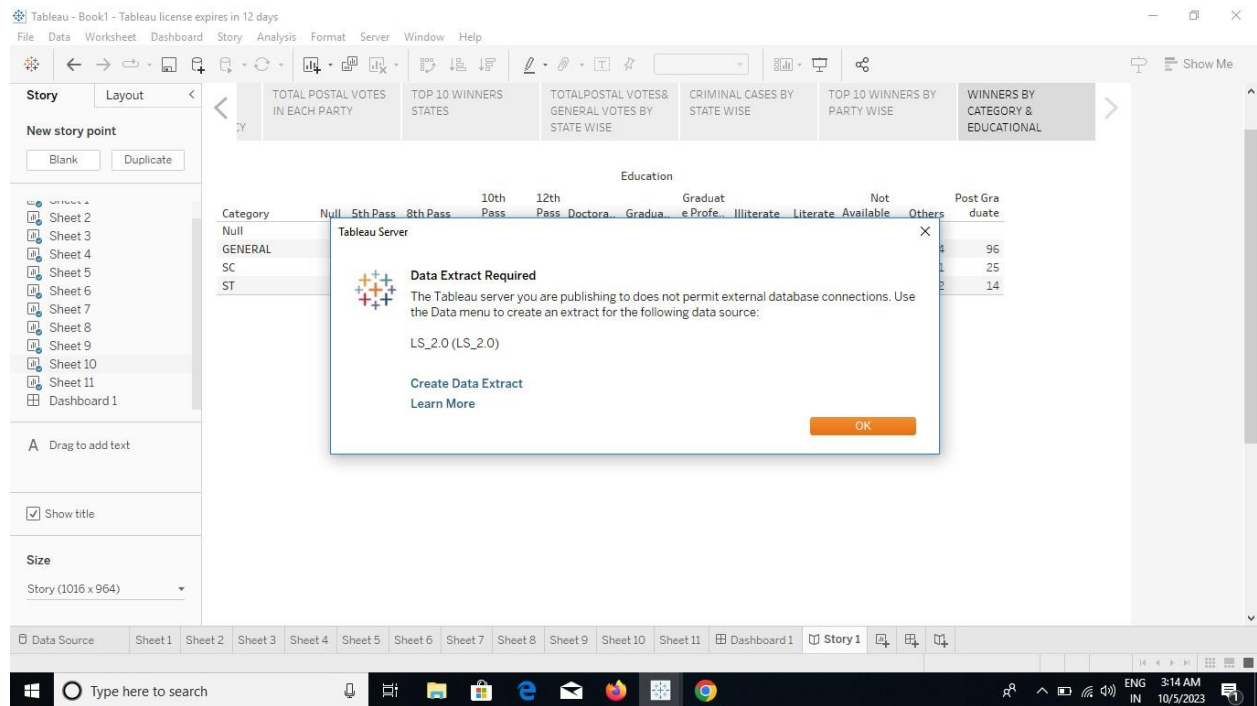
Cancel

Data Source Sheet1 Sheet2 Sheet3 Sheet4 Sheet5 Sheet6 Sheet7 Sheet8 Sheet9 Sheet10 Sheet11 Dashboard1 Story1

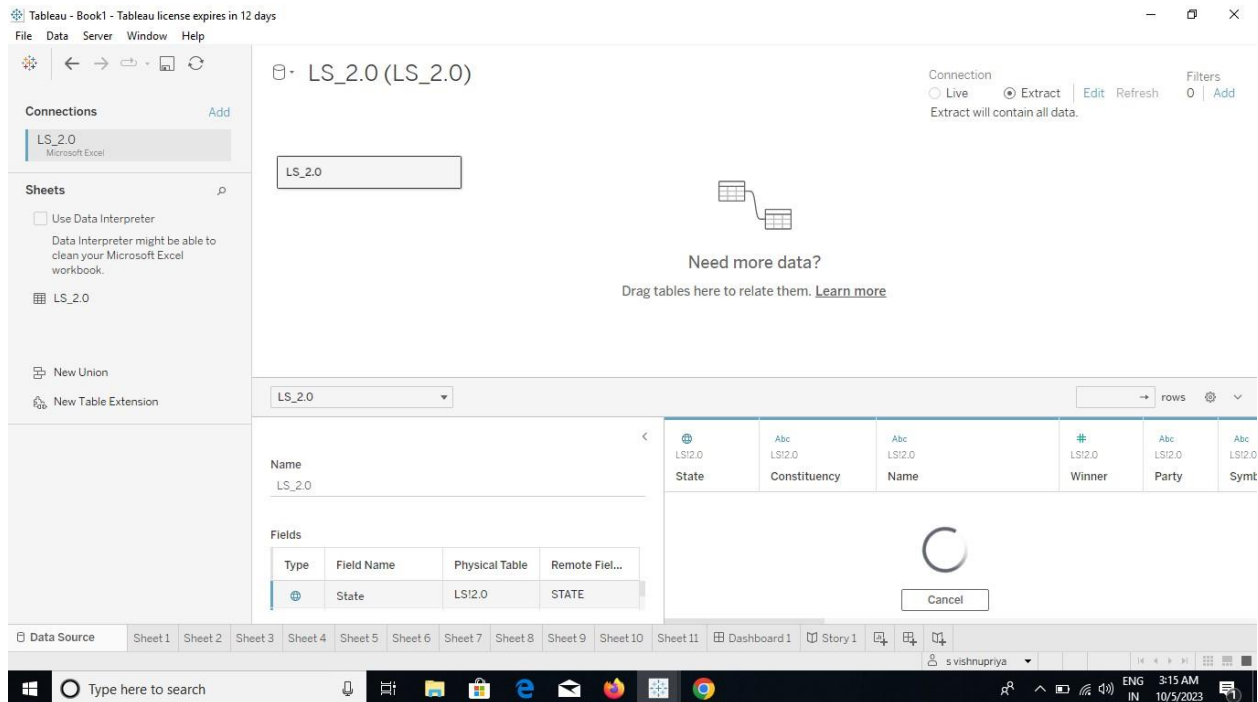
s.vishnupriya

ENG 3:15 AM  
IN 10/5/2023

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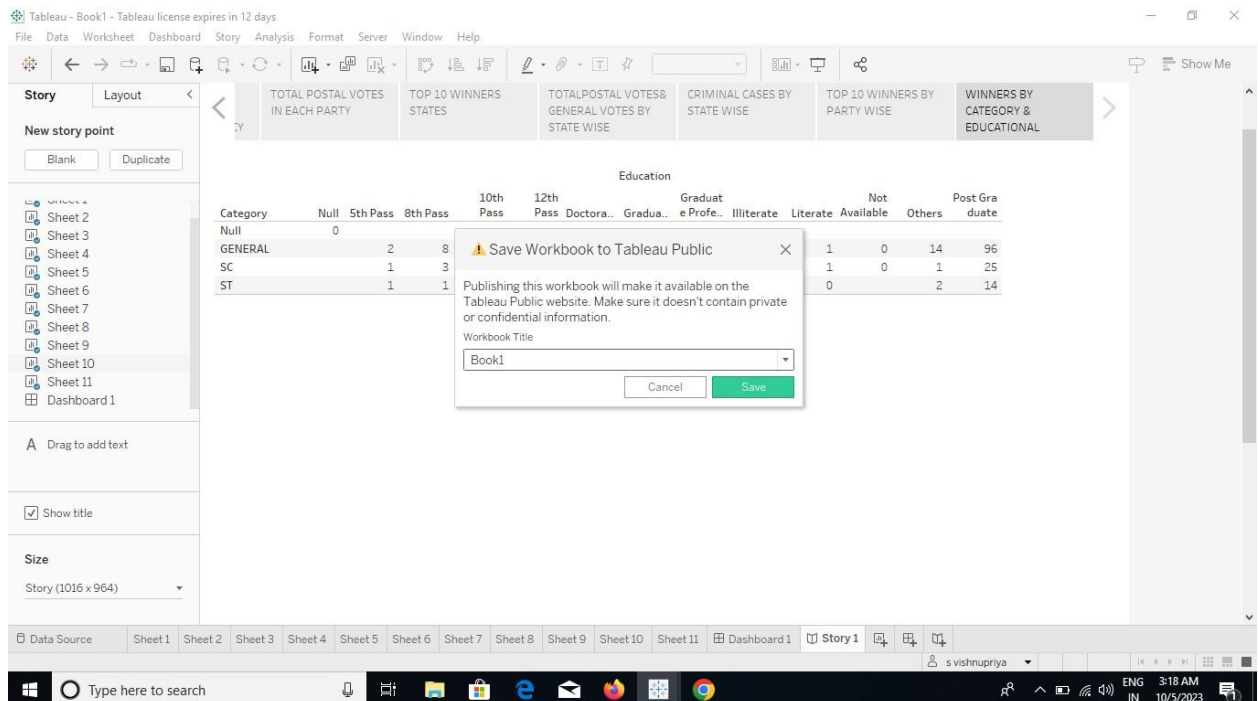


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rows	State	Constituency	Name	Winner	Party	Symt
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## ADVANTAGES & DISADVANTAGES



## Advantages

- ❖ It helps in proper functioning of democracy through the system of checks and balances.
  - ❖ No confidence motion can be introduced and passed in the Lok Sabha. So, it controls despotism of the government.
  - ❖ Money bills can be only introduced in the Lok Sabha. The Rajya Sabha can only suggest a money bill. It cannot reject it.
- ## Disadvantages
- ❖ The Lok Sabha, the lower house of India's Parliament, plays a crucial role in the country's democratic process.
  - ❖ However, like any political institution, it has its disadvantages and challenges.
  - ❖ Members of the Lok Sabha often vote along party lines due to the strong influence of political parties and the whip system.

## CONCLUSION:

In Conclusion, the Lok Sabha is more powerful than the Rajya Sabha in almost all matters. Even in those matters in which the Constitution has placed both Houses

on an equal footing, the Lok Sabha has more influence due to its greater numerical strength.

### **FUTURE SCOPE:**

- The Lok Sabha is composed of representatives of people chosen by direct election on the basis of Universal Adult Suffrage.
- The Constitution of India allows for a maximum of 550 members in the House, with 530 members representing the states and 20 representing the Union.

