

POLITICAL JUGGERNAUTS : A QUANTITATIVE ANALYSIS OF CANDIDATES IN THE 2019 LOK SABHA ELECTIONS



SUBMITTED BY : DHIVYA G
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DHIVYA BHARATHI V
DHATCHAYINI E 📢

INTRODUCTION

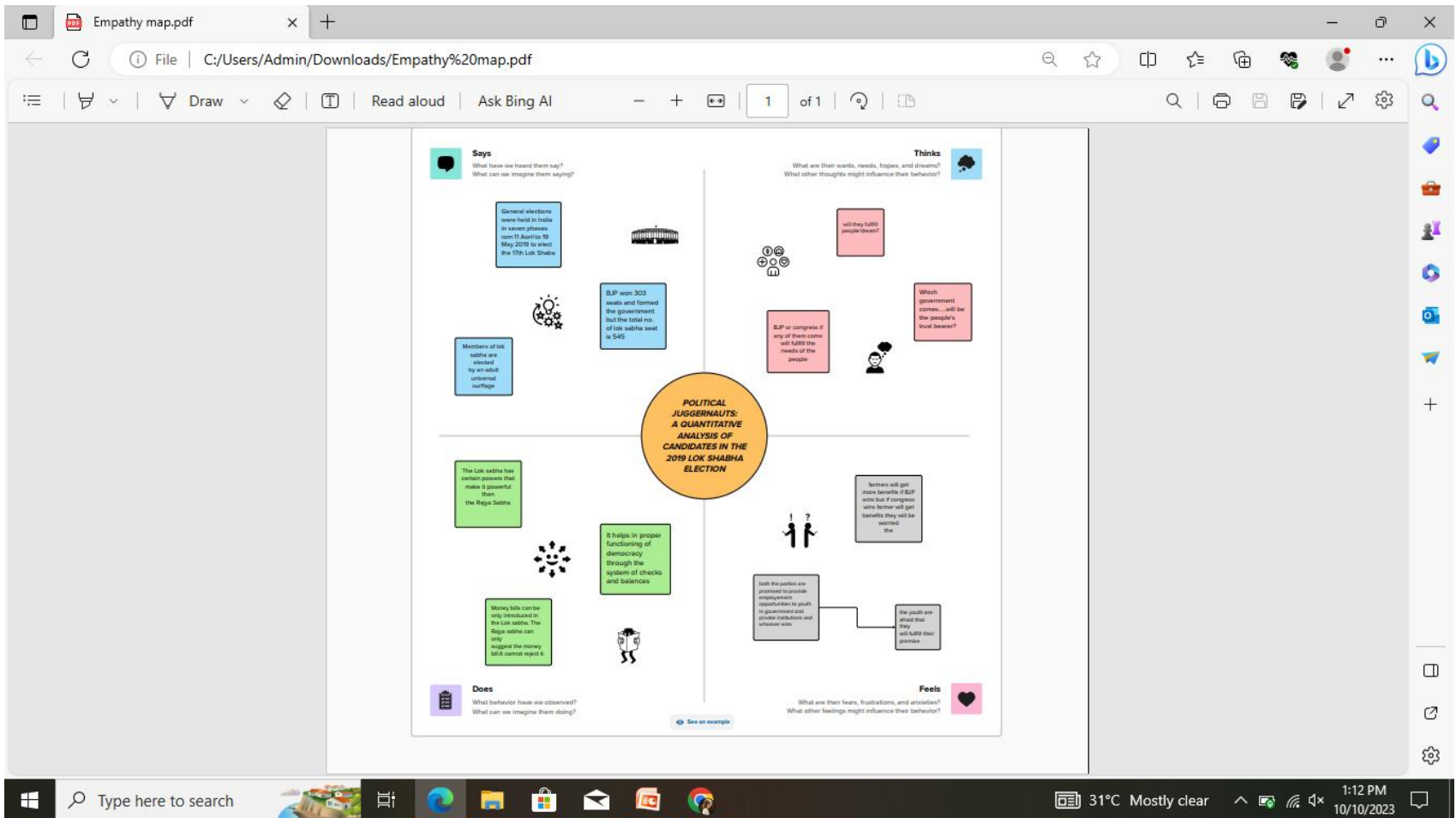
- The Lok Sabha is composed of representatives of people chosen by direct election on the basis of Universal Adult Suffrage.
- The Constitution of India allows for a maximum of 550 members in the House, with 530 members representing the States and 20 representing the Union Territories.
- The 17th Lok 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.



1. PROBLEM DEFINITION/DESIGN THINKING

MILESTONE 1: DEFINE PROBLEM/PROBLEM UNDERSTANDING

2.1 EMPATHY MAP



2.2 IDEATION AND BRAINSTORMING

Brainstorming map.pdf

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1 of 1

Draw

Read aloud

Ask Bing AI

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Before you collaborate

1. Write down your problem statement

2. Define your problem statement

3. Brainstorm

4. Group ideas

5. Prioritize

6. After you collaborate

Key rules of brainstorming

Person 1

Person 2

Person 3

Person 4

More schools, colleges in rural areas. Taking up of teacher's vacancy

Development of city as tourism, education and IT hub

Any of these courses to fulfill the needs of the people

Importance

Feasibility

Brainstorming map



RESULT:

MILESTONE 2: DATA COLLECTION & EXTRACTION FROM DATABASE

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

Political Juggernauts - Microsoft Excel																						
Home Insert Page Layout Formulas Data Review View																						
Clipboard		Font				Alignment				Number		Styles		Cells		Editing						
Paste	Cut	Calibri	11	A	A	Wrap Text	General	\$	%	0.00	0.00	Conditional Formatting	Format as Table	Cell Styles	Insert	Delete	Format	AutoSum	Fill	Clear	Sort & Filter	Find & Select
A1 STATE																						
1	STATE	CONSTITU NAME	WINNER	PARTY	SYMBOL	GENDER	CRIMINA	AGE	CATEGOR	EDUCATIC	ASSETS	LIABILITY	GENERAL	POSTAL	TOTAL	OVER	OVER	TOTAL ELECTORS				
2	Telangana	ADILABAD SOYAM BA	1	BJP	Lotus	MALE	52	52	ST	12th Pass	Rs	Rs	376892	482	377374	25.33068	35.46825	1489790				
3	Telangana	ADILABAD Godam Na	0	TRS	Car	MALE	0	54	ST	Post Grad	Rs	Rs	318665	149	318814	21.39993	29.96437	1489790				
4	Telangana	ADILABAD RATHOD R	0	INC	Hand	MALE	3	52	ST	12th Pass	Rs	Rs	314057	181	314238	21.09277	29.53429	1489790				
5	Telangana	ADILABAD 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 Kur	0	BSP	Elephant	MALE	0	47	SC	Post Grad	Rs	Rs	434199	1130	435329	22.46639	37.99913	1937690				
8	Uttar Prad	AGRA Preeta 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 Gitanen 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	1	BJP	Lotus	MALE	0	69	SC	Post Grad	Rs	Rs 0	638241	3381	641622	39.04432	64.21145	1643317				
15	Gujarat	AHMEDAE RAJU PAR	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 Saci	0	BSP	Elephant	FEMALE	0	46	GENERAL	Post Grad	Rs	Rs	304553	1587	306140	17.33403	29.81981	1766121				
24	Uttar Prad	AKBARPU Rajaram P	0	INC	Hand	MALE	1	58	GENERAL	Graduate	Rs	Rs	107592	749	108341	6.134404	10.55304	1766121				
25	Maharash	AKOLA Dhotre Sa	1	BJP	Lotus	MALE	1	60	GENERAL	Graduate	Rs	Rs	552898	1546	554444	29.72621	49.49575	1865169				
Political Juggernauts																						
Ready																						

Activity 1.1 : Understanding the Data

Data consists of 2264 rows and 19 columns that describes the information of the candidates in the 2019th Lok Sabha elections.

Column description for the Tableau

1. State : It represents the Candidates's state.
2. Constitution : It represents the party's constitution.
3. Name : It listed the Candidates's name.
4. Winner : It represents how many winners in the constitution.
5. Party : It represents which party the candidates belongs to.
6. Symbol : It represents which symbol allocatted for the candidates in the election
7. Gender : It represents the candidates's gender.
8. Criminal Cases : It listed the number of criminal cases filed in the candidates's name.
9. Age : This column describes the age of the Candidates.
10. Category : It represents the candidates's category.



11. Education : It represents the qualification of the candidates.
12. General votes : It represents the general votes of the elections.
13. Postal votes : It represents the number of postal votes of each candidates in the elections.
14. Total votes : I represents the total number of votes for the candidates in the election.



Activity 2 : Connect Dataset with Tableau

Tableau - Book1 - Tableau license expires in 9 days

File Data Server Window Help

Connections [Add](#)

Political Juggernauts
Text file

Files [p](#)

☐ Use Data Interpreter
Data Interpreter might be able to clean your Text file workbook.

☒ Political Juggernauts (1).csv
☒ Political Juggernauts.csv

☐ New Union

☐ New Table Extension

Political Juggernauts

Political Juggernauts.csv

Connection
☐ Live ☒ Extract [Edit](#) [Refresh](#) Filters 0 | [Add](#)
Extract will contain all data.

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

Political Juggernauts.csv 19 fields 6257 rows 100 rows

Name
Political Juggernauts.csv

Fields

Type	Field Name	Physical Table	Rem...
🌐	State	Political Juggernauts.csv	STATE

Abc Political Juggernauts.csv	Abc Political Juggernauts.csv	Abc Political Juggernauts.c...	# Political Juggernauts.c...	Abc Politica
State	Constituency	Name	Winner	Party
CASES"	AGE	CATEGORY	null	ASS
VOTES"	"POSTAL	null	null	
VOTES"	"TOTAL	null	null	
VOTES"	"OVER TOTAL ELECTORS	null	null	
IN CONSTITUENCY"	"OVER TOTAL VOTES POLLED	null	null	

Go to Worksheet

Data Source Sheet1



MILESTONE 3 : DATA PREPARATION

Activity 1 : Prepare the Data for Vizualization

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 visualizations to gain insights into the performance and efficiency

Political Juggernauts																					
A1	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	CATEGOR	EDUCATIC	ASSETS	LIABILITIES	GENERAL	POSTAL	TOTAL	OVER	OVER	TOTAL ELECTORS			
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MILESTONE 3 : DATA VISUALIZATION

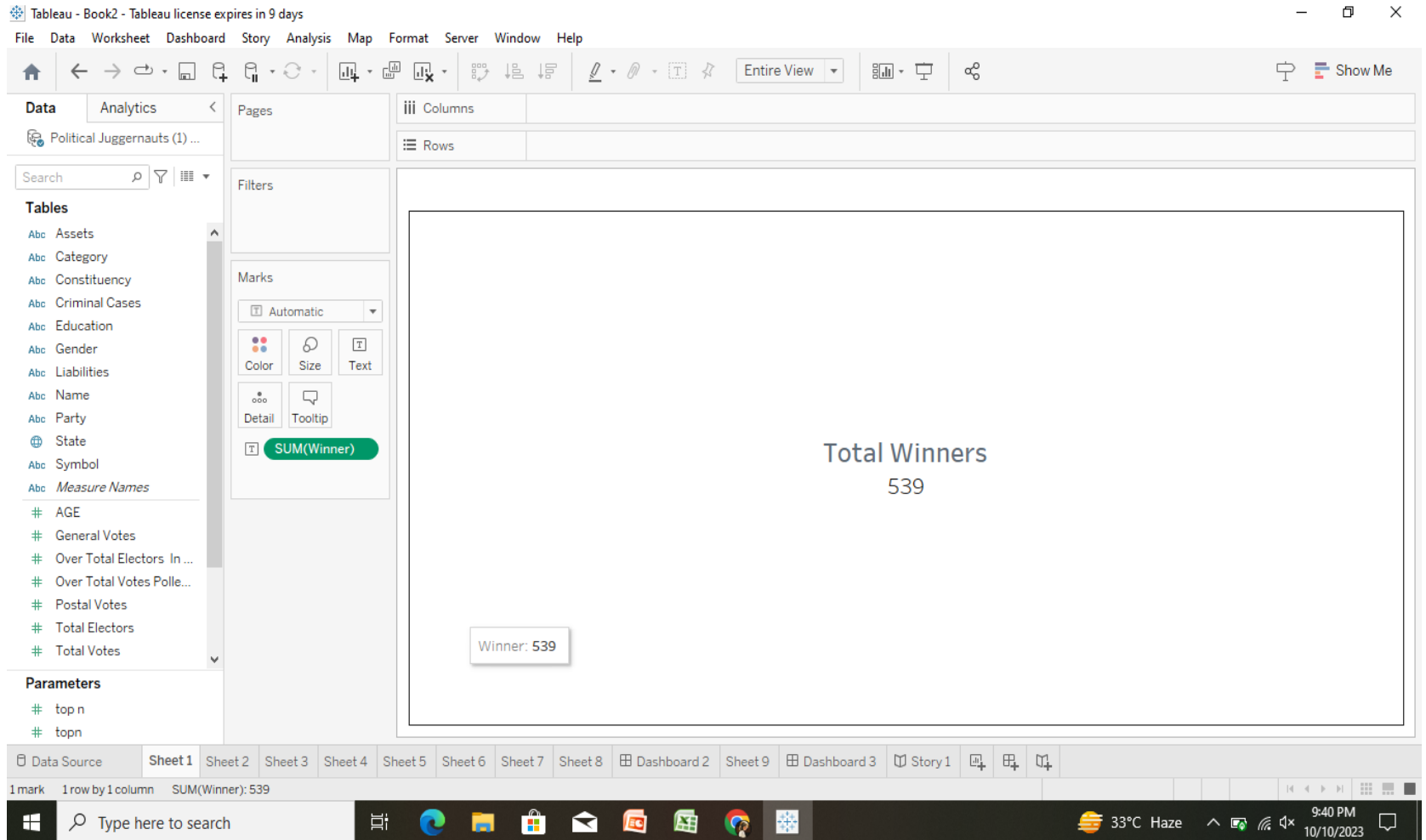
- Data visualization is the process of creating graphical representations of data in order to help people understand and explore the information. The goal of data visualization is to make complex data sets more accessible, intuitive, and easier to interpret. By using visual elements such as charts, graphs,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

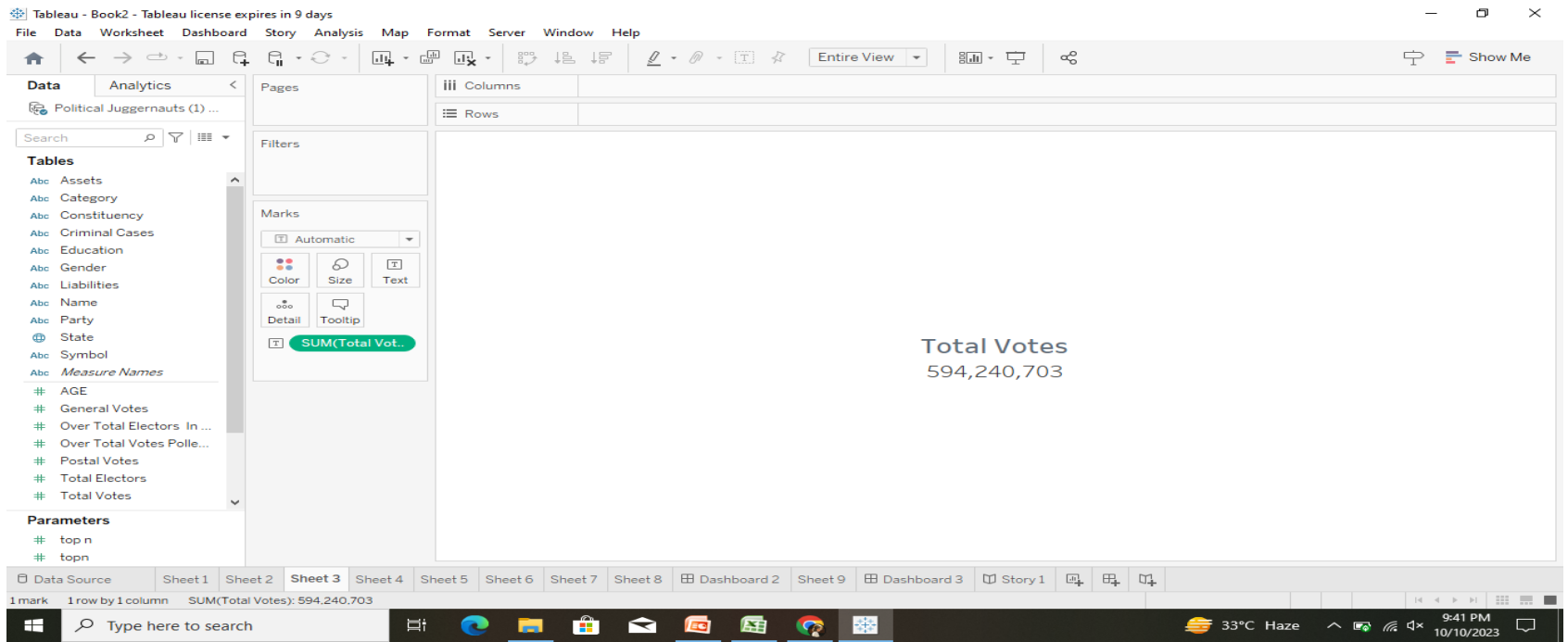
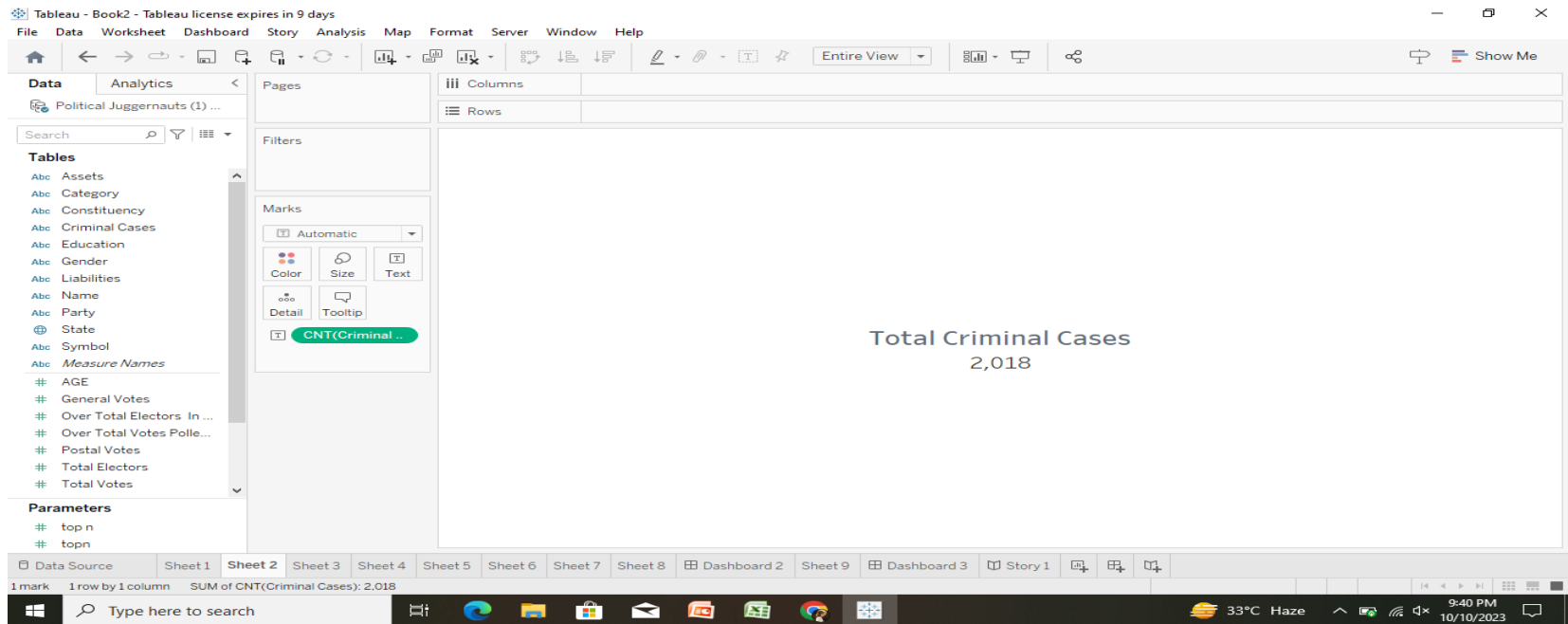
Activity 1: No of Unique Visualizations

The number of unique visualizations that can be created with a given dataset

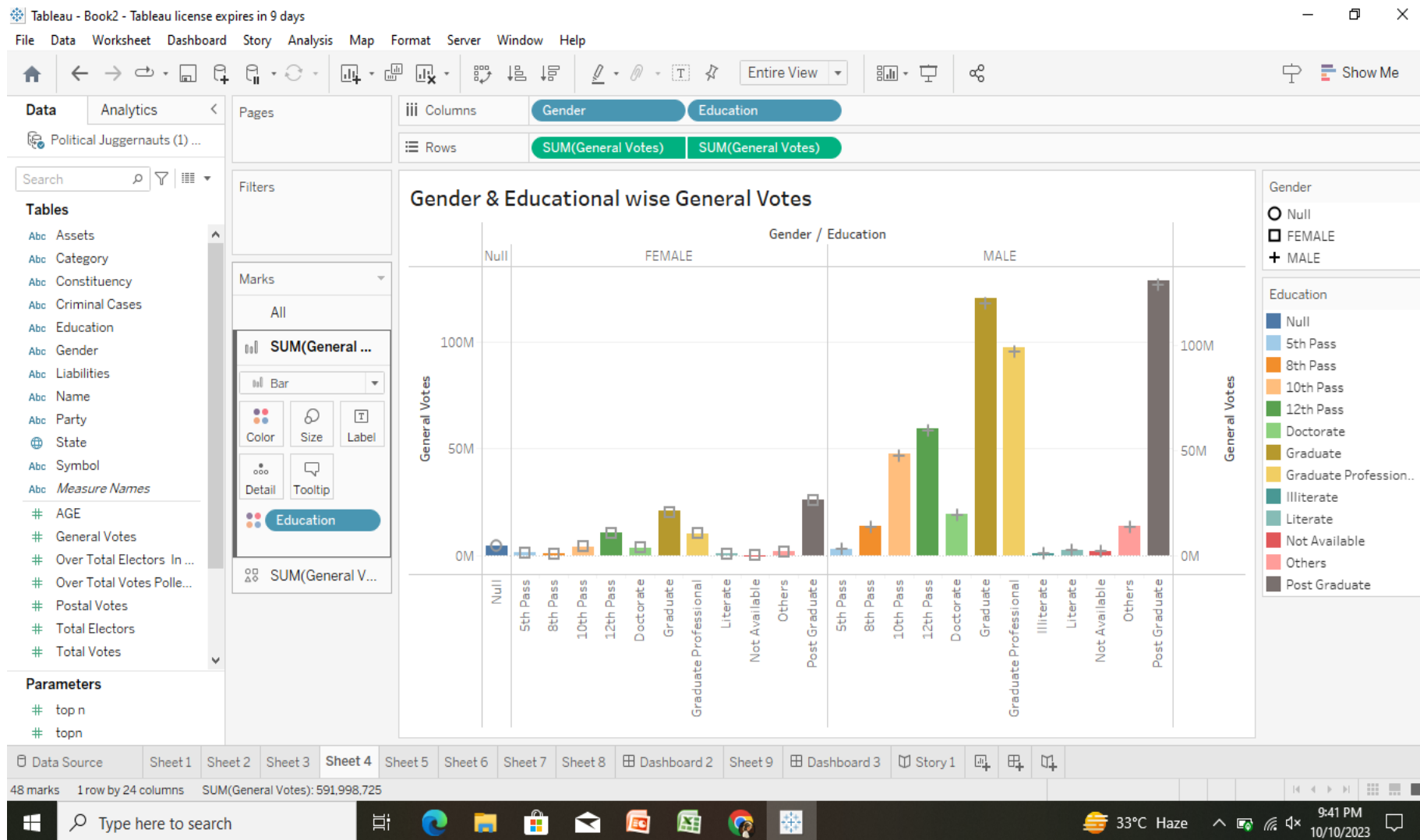


Activity 1.1 : Total Winners, Total Criminal cases, Total votes

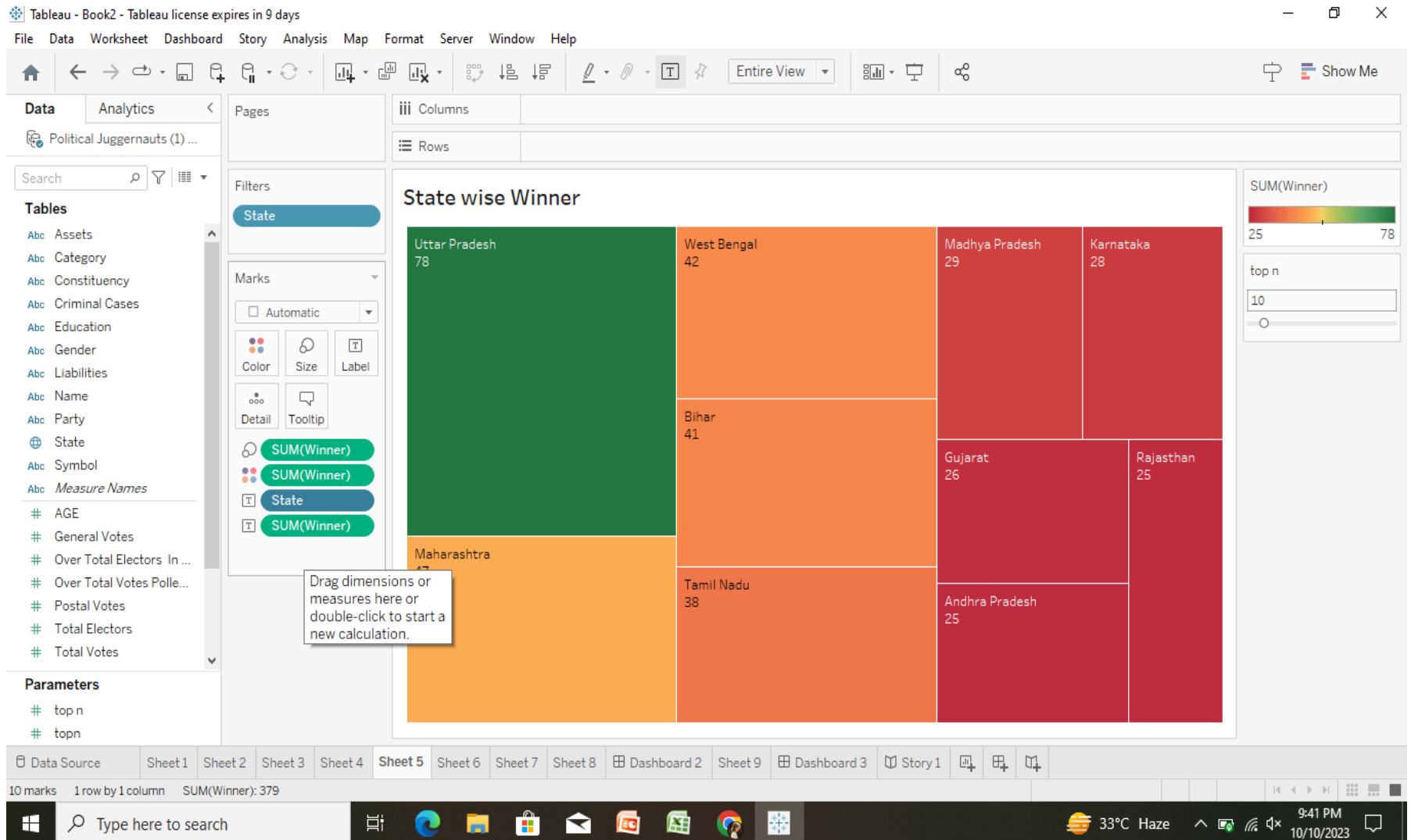




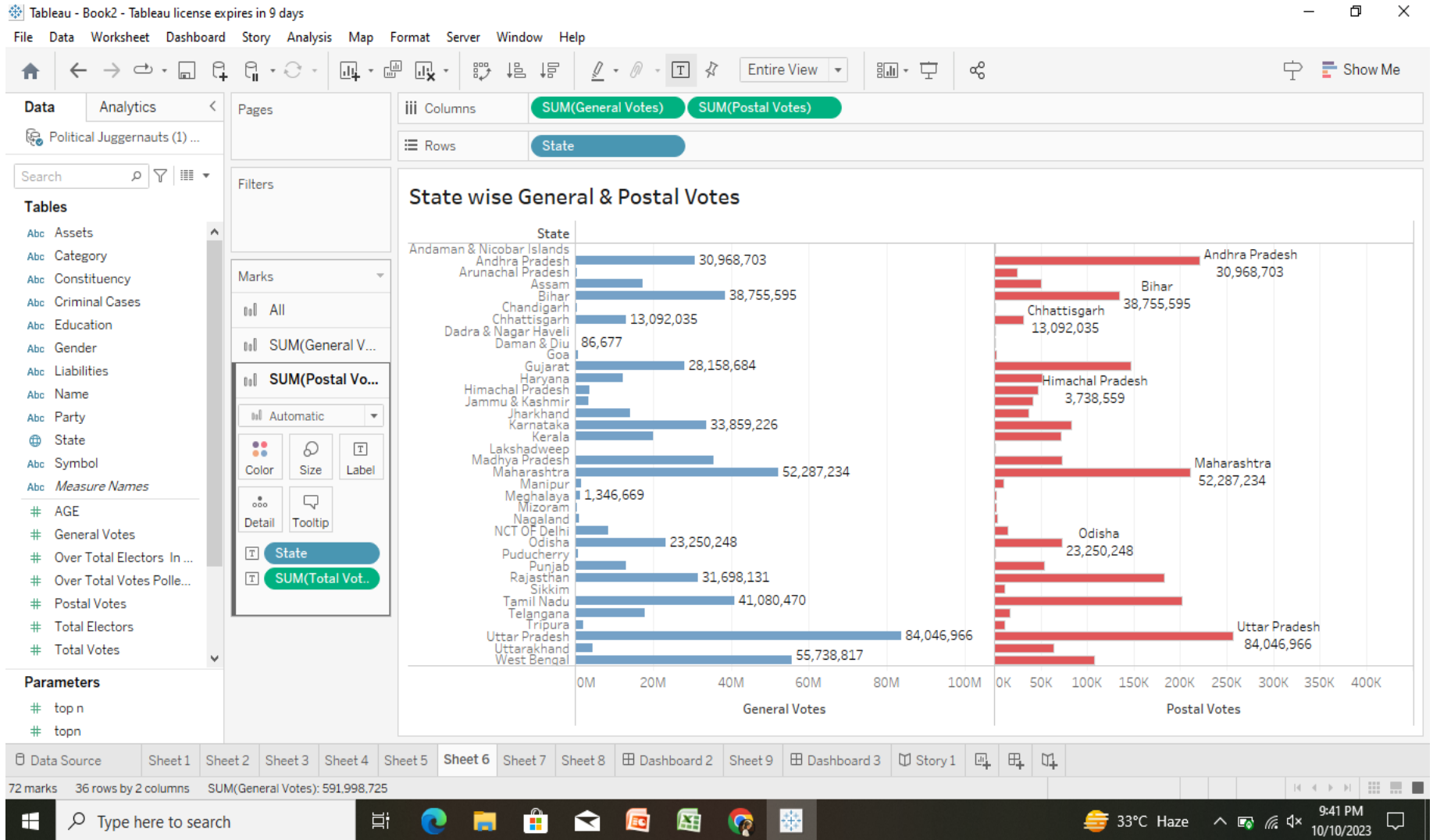
Activity 1.2 : General & Educational wise general votes



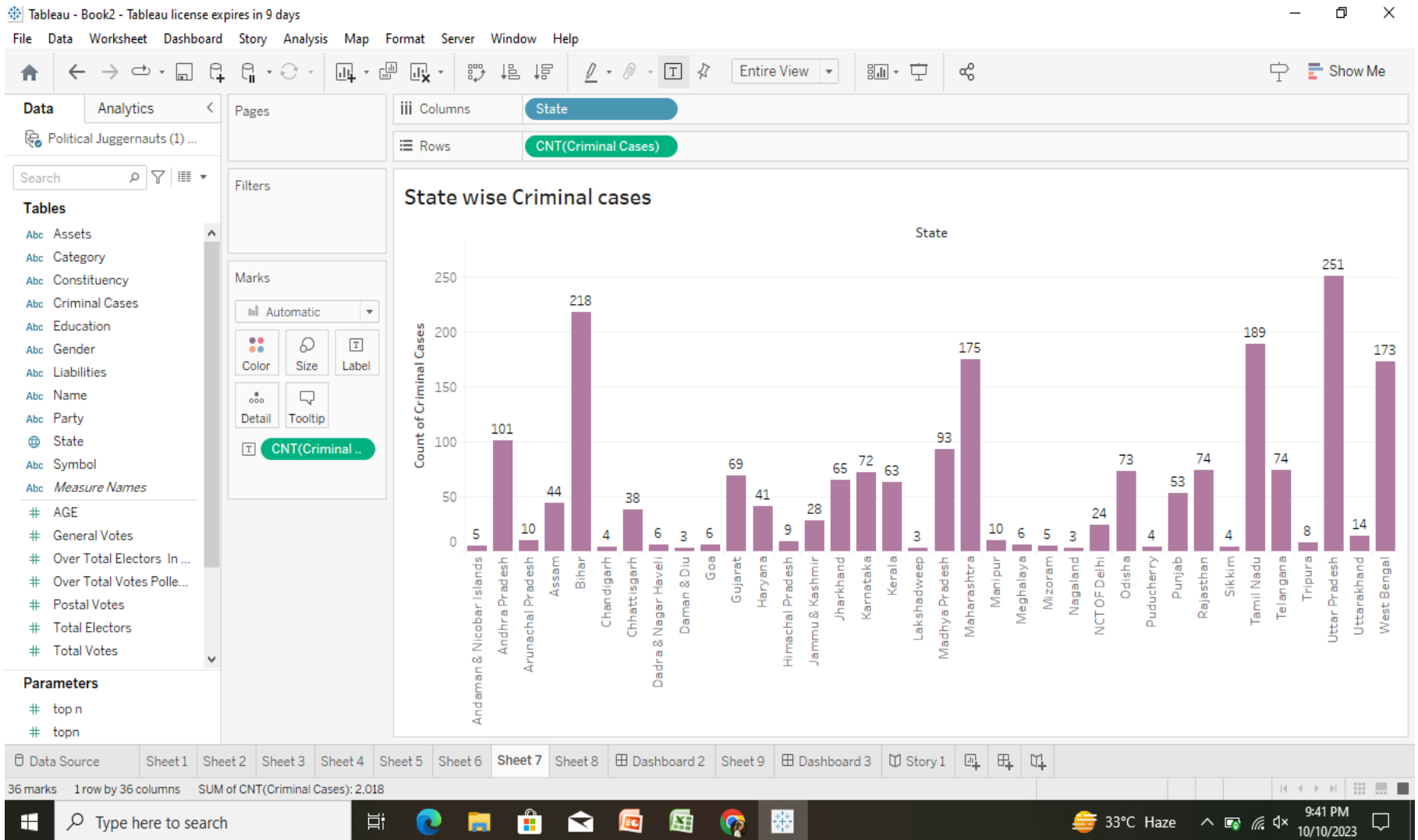
Activity 1.3 : State wise Winners



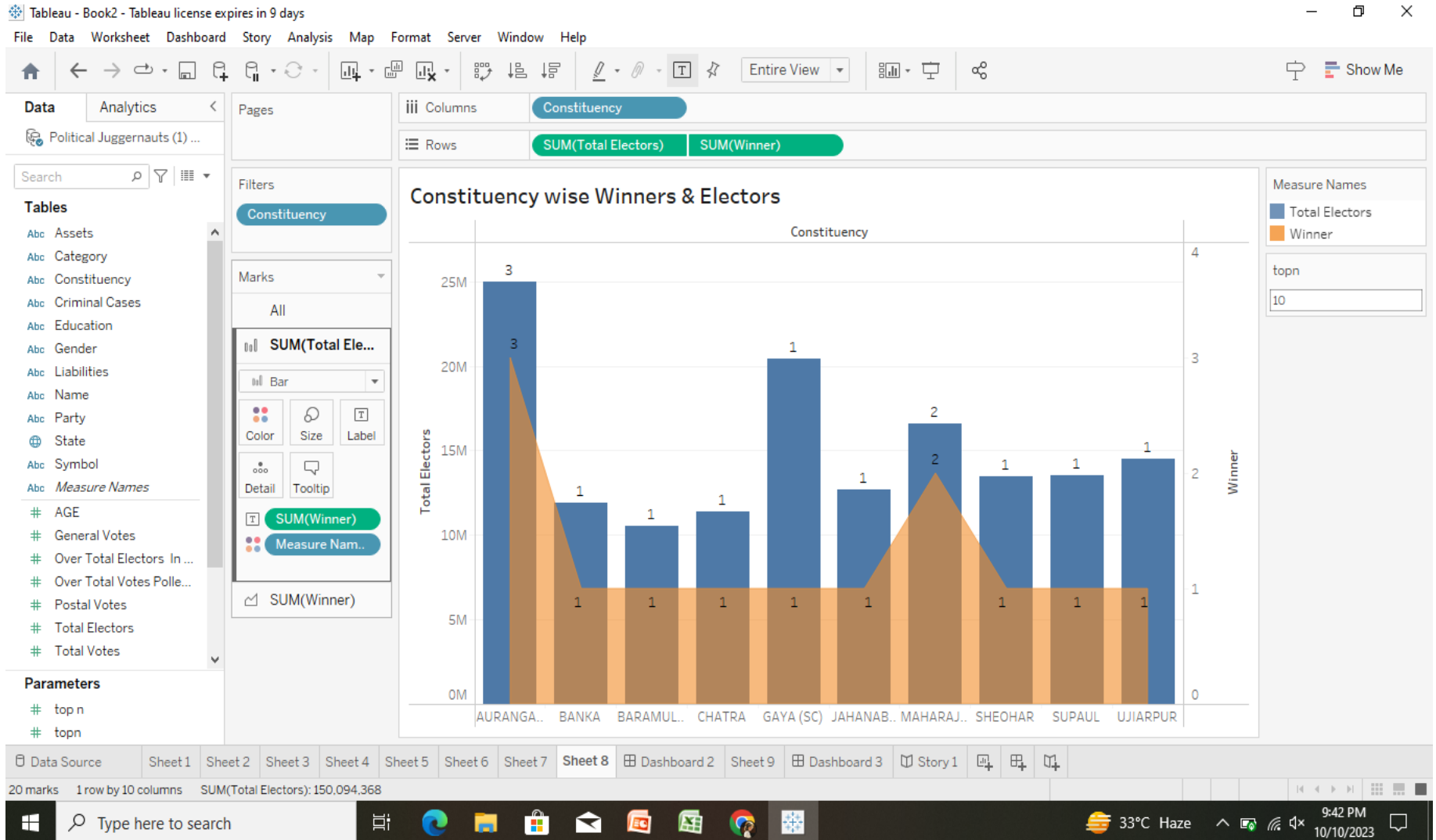
Activity 1.4 : State wise General & Postal votes



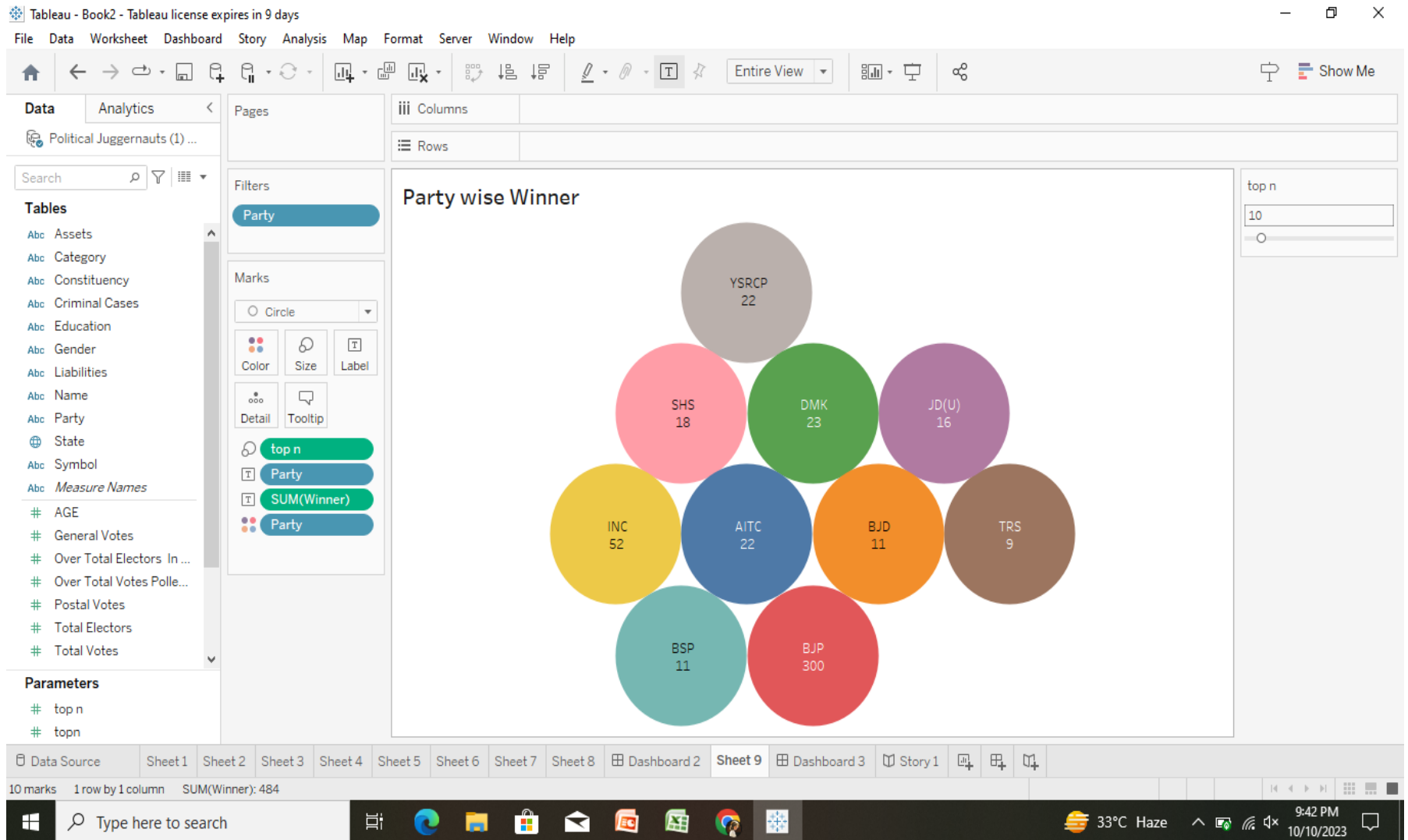
Activity 1.5 : State wise Criminal cases



Activity 1.6 : Constituency wise Winners & Electors



Activity 1.7 : Party wise Winners



MILESTONE 5 : DASHBOARD

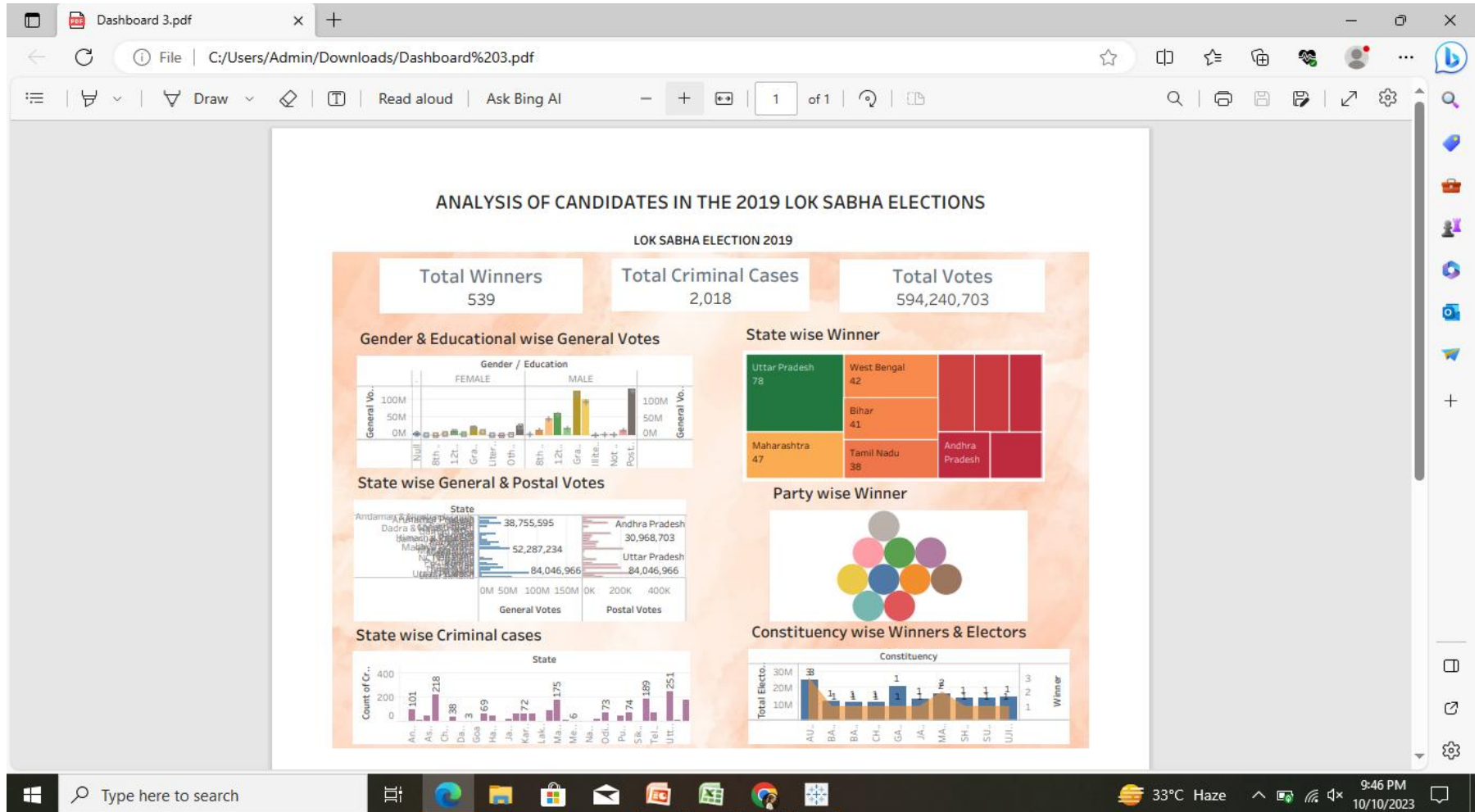
A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format. Dashboards are often used to provide real time monitoring and analysis of data, and are typically designed for a specific purpose or use case. Dashboards can be used in a variety of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

Activity 1: Responsive and Design of Dashboard

The responsiveness and design of a dashboard for The Analysis of Candidates in the 2019th Lok Sabha Election is crucial to ensure that the information is easily understandable and actionable.



Activity 1.1 : Analysis of Candidates in the 2019th Lok Sabha Elections



MILESTONE 3 : 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.

Activity 1: No Of Scenes Of Story

The number of scenes in a storyboard for a data visualization analysis vehicle collisions will depend on the complexity of the analysis and the specific insights that are trying to be conveyed



Activity 1.1 : Analysis of Candidates in the 2019 Lok Sabha Election

Story 1.pdf

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1 of 9

Story 1

Total Winners	Total Criminal Cases	Total Votes	General & Educational wise General Votes	State wise Winner	State wise General & Postal Votes	State wise Criminal Cas...
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Total Winners
539

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Story 1.pdf

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2 of 9

Story 1

Total Winners

Total Criminal Cases

Total Votes

General & Educaional
wise General Votes

State wise Winner

State wise General &
Postal Votes

State wise
Criminal Cas...

Total Criminal Cases
2,018

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3 of 9

Story 1

Total Winners

Total Criminal Cases

Total Votes

General & Educaional
wise General Votes

State wise Winner

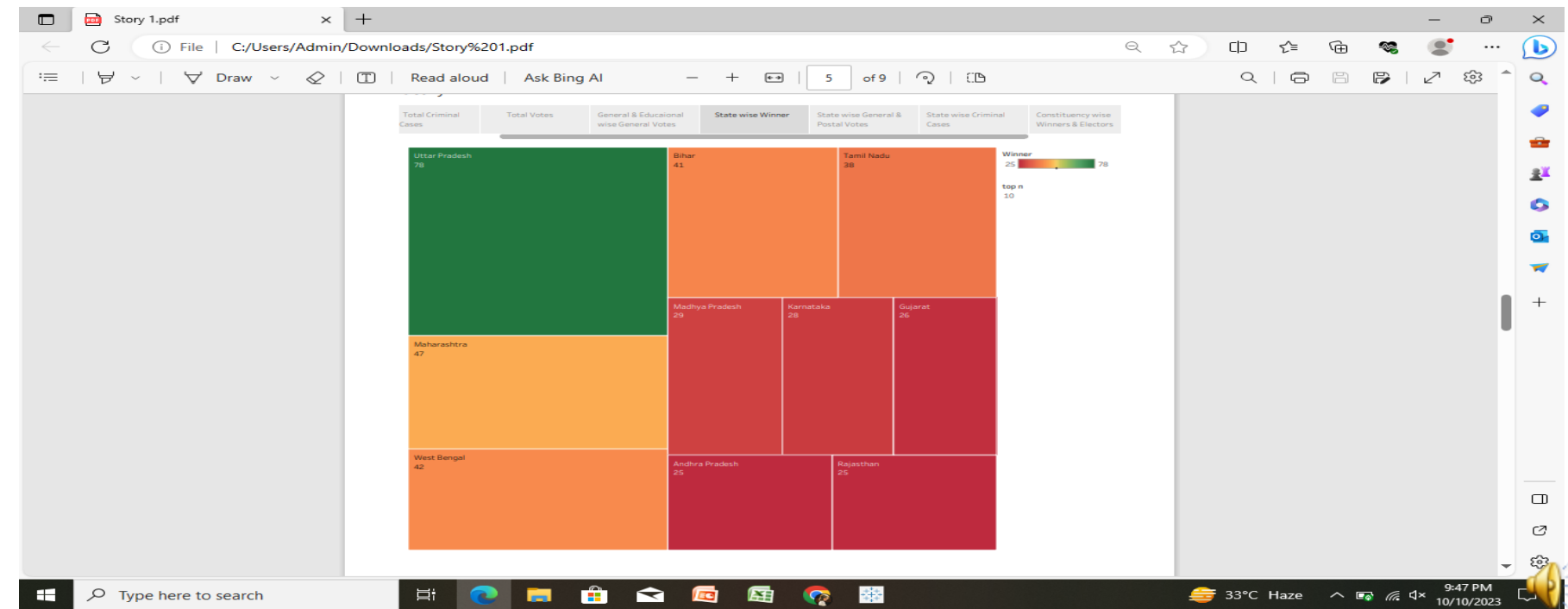
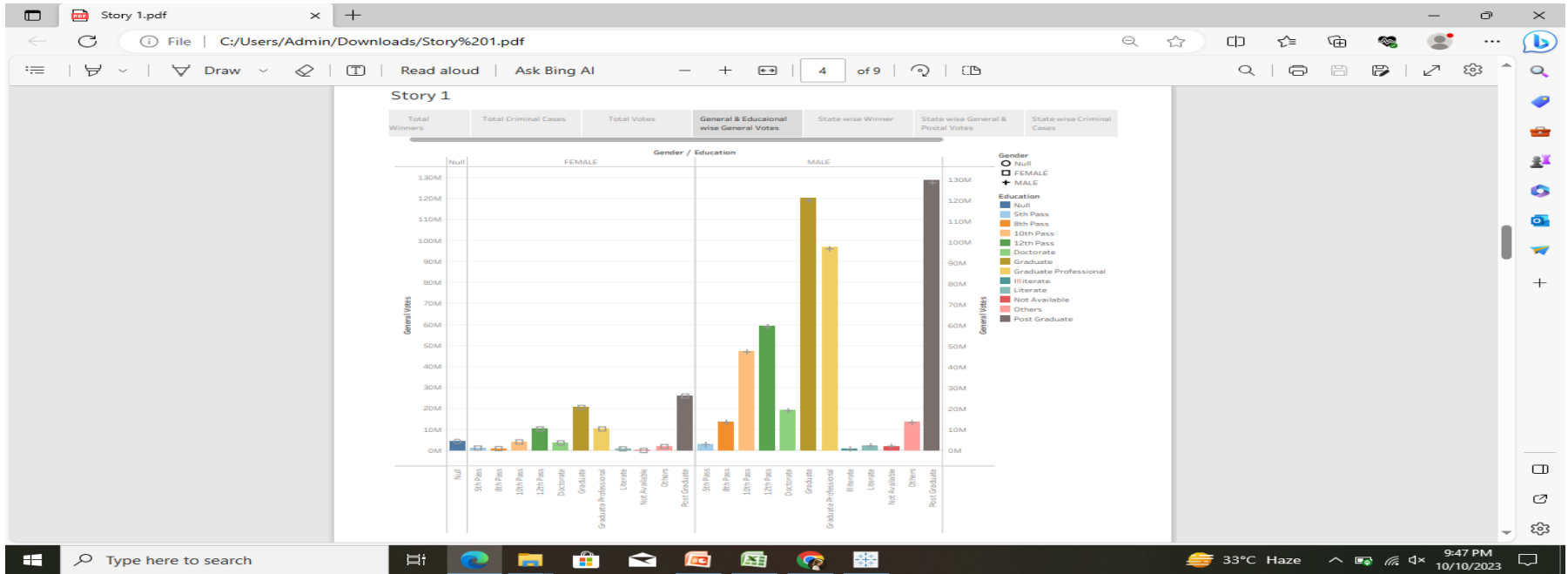
State wise General &
Postal Votes

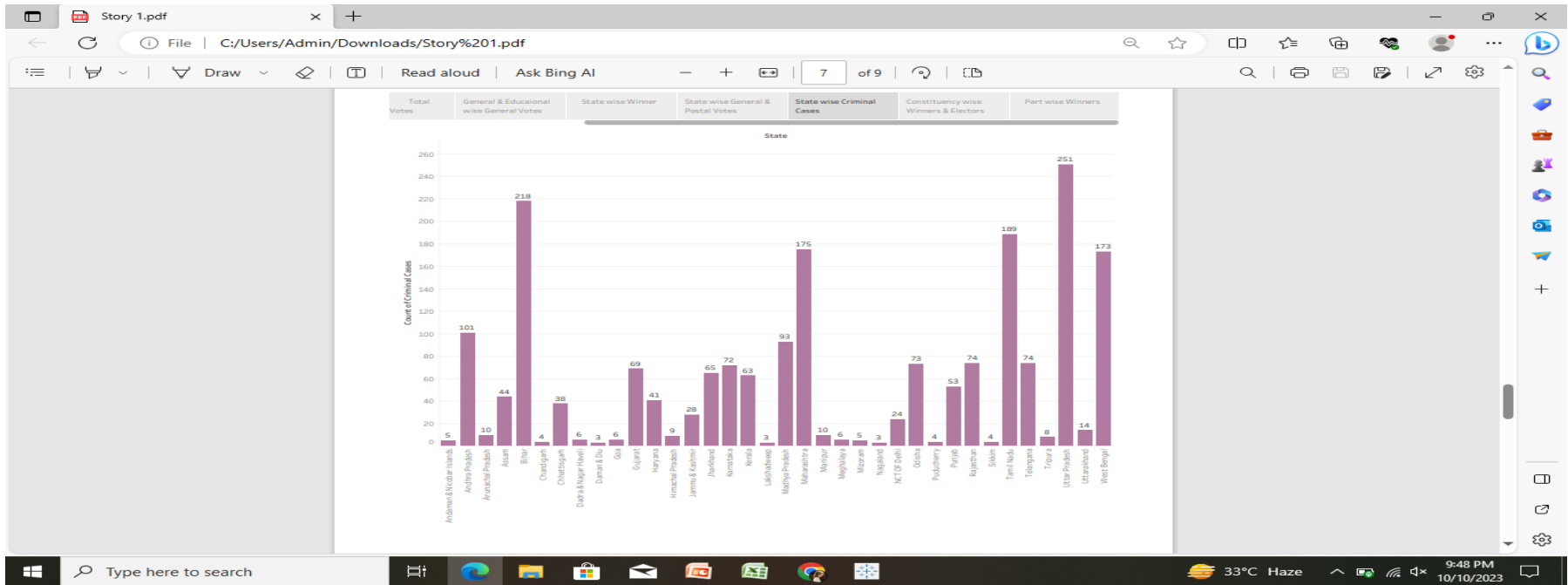
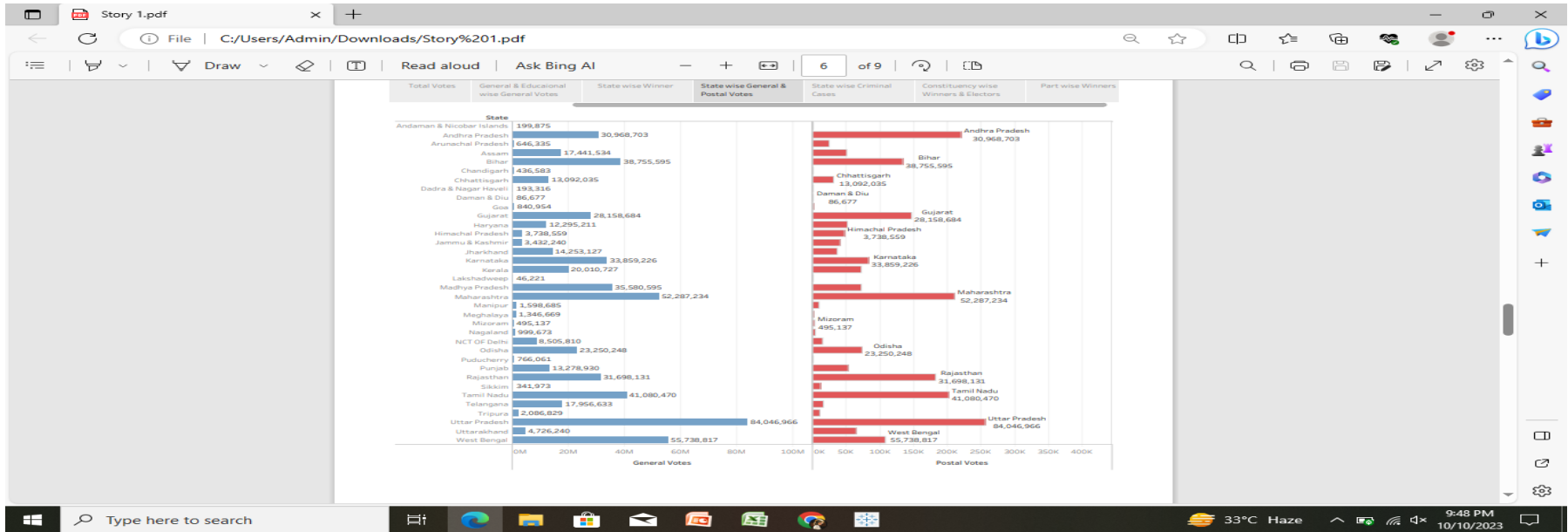
State wise
Criminal Cas...

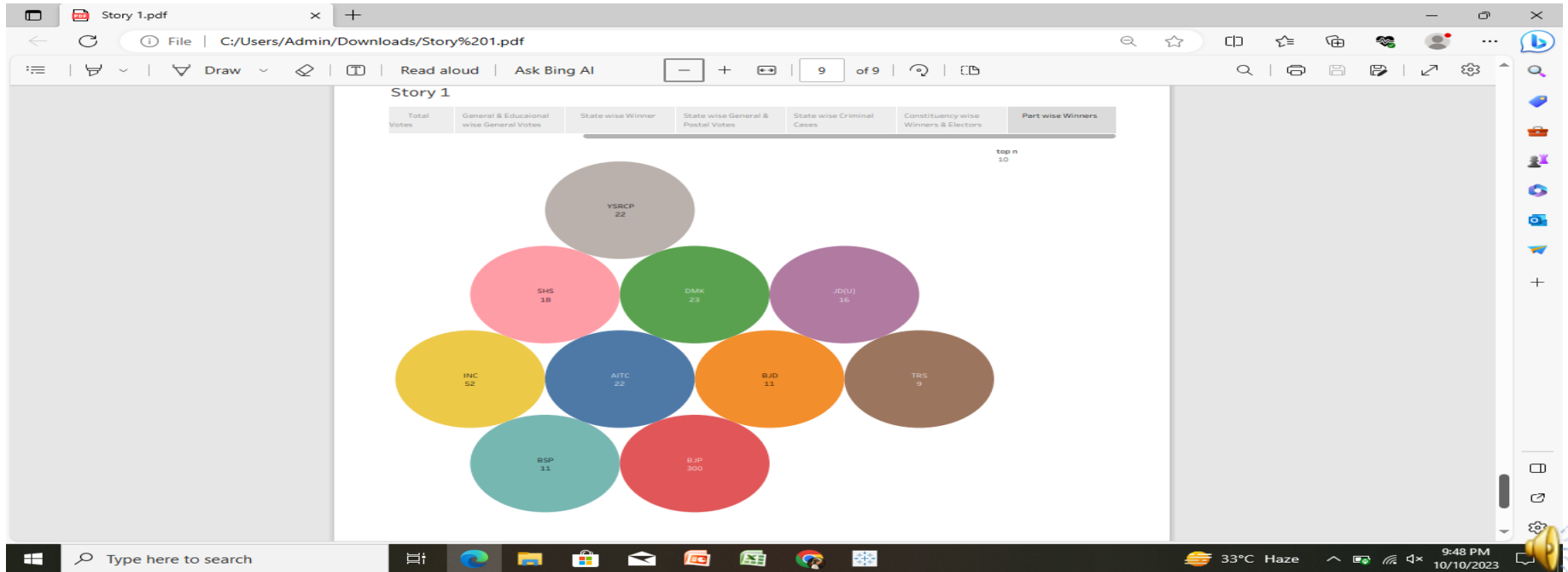
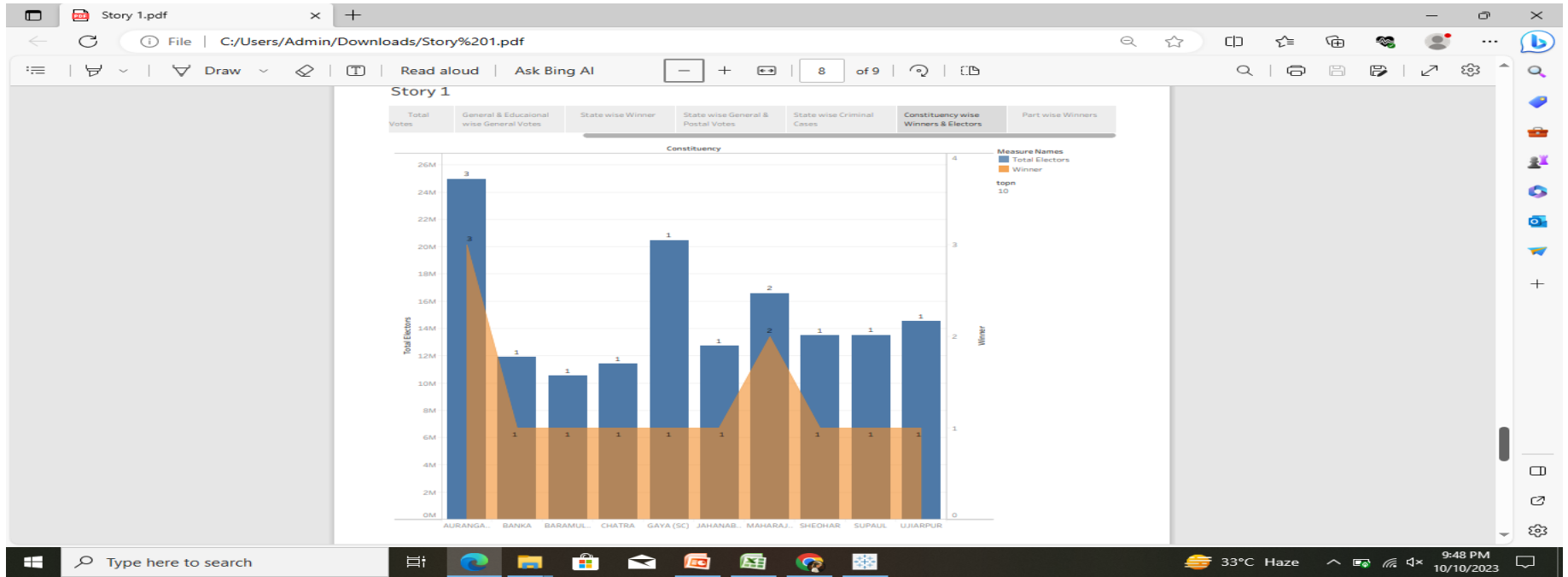
Total Votes
594,240,703

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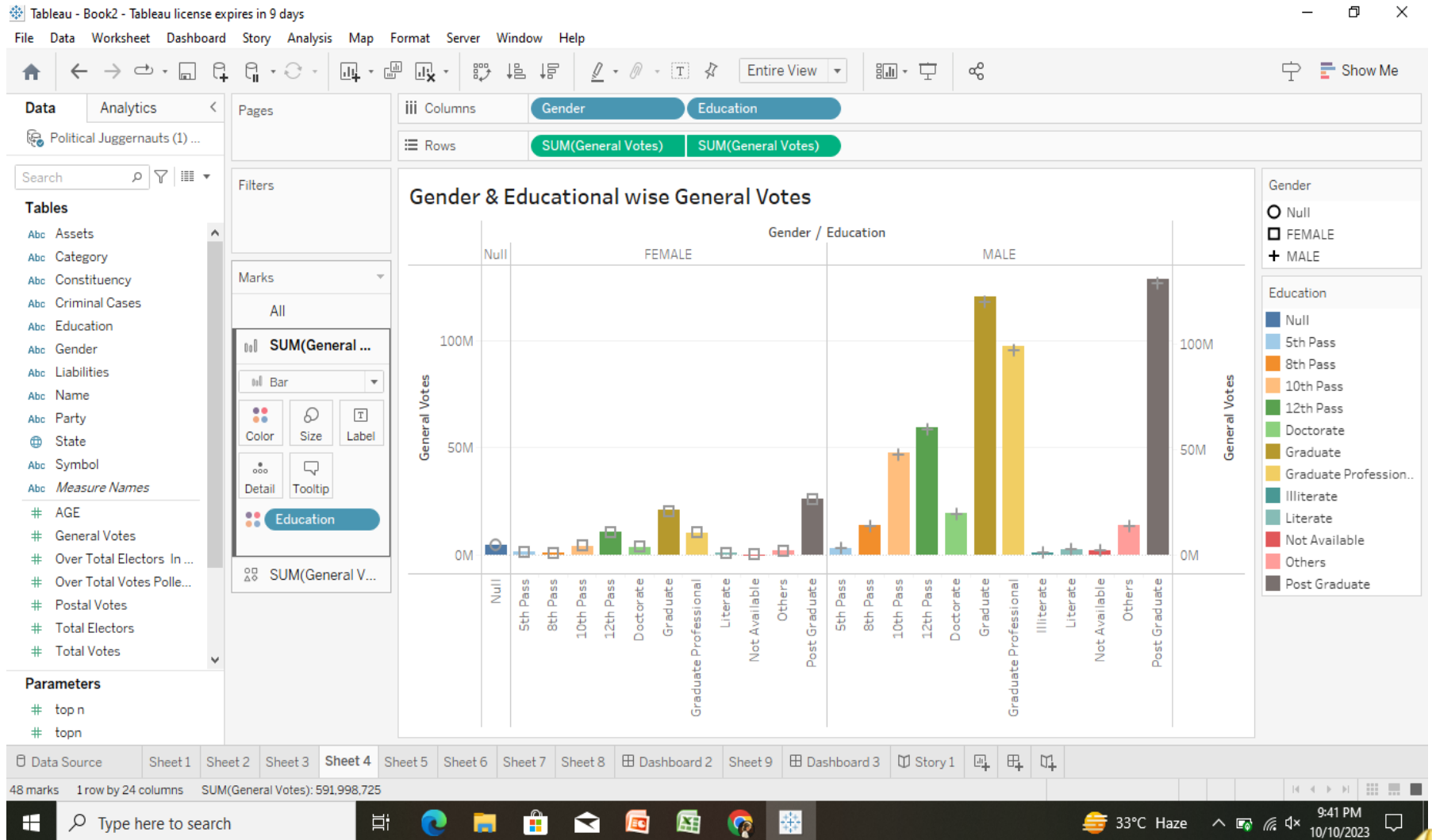






MILESTONE 7 : PERFORMANCE TESTING

Activity 1 : Utilization of Data filters



Advantages

- ❖ The nominations for all phases of the General Election have been submitted.
- ❖ We examine highlights from data on candidates who are participating in the ongoing elections.
- ❖ There are 8,039 candidates contesting for 542 Parliamentary constituency seats.



Conclusion:

- ❖ From the above analysis, we can conclude the following points
- ❖ From this analysis, we have found that Indians are very much aware of the voting system and political parties. The vote percentage is very good in Kerala, West Bengal, Manipur, Maharashtra, etc.
- ❖ The BJP candidates have participated more than the other parties in Lok Sabha 2019.
- ❖ It is transparent that the total number of votes in Maharashtra, Uttar Pradesh, and West Bengal are very much higher than the remaining states in India and Uttar Pradesh holds first place in the total number of votes.
- ❖ The number of female candidates is very less than the number of male candidates.
- ❖ Unfortunately, we found that the candidates of Kerala have maximum criminal cases history, and West- Bengal, Uttar Pradesh, and Telangana are not far behind. The maximum no of criminal cases done by a single person is 240 and he is from Kerala.
- ❖ We have noticed that the history of the criminal case of candidates is maximum at the age of 49,37, and 51.

