

## Project title - Plugging into the future: An Exploration of Electricity Consumption Patterns



**Team ID :** NM2023TMID06404

**Team Size :** 3

**Team Leader :** DEEPA.B


**Team member :** KIRUTHIKA SRI.N

**Team member :** HARINI.M

# Activity 1

## Empathy map create with mural


Template




### Retrospective

Use this framework to reflect on recent work. This simple structure is useful both alone and in groups.

Created by: [James & Lisa Hill](#)

 Product School

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**1**


### Reflect on the topic

Working silently and individually, have each person create a three x three grid in all four quadrants below for about 10 minutes. With 20 minutes remaining, 5 mins discuss notes in each quadrant.


**What went well?**  
What went well in your last meeting?  
What went well in your last project?  
What went well in your last team?




**What's not working?**  
What's not working in your last meeting?  
What's not working in your last project?  
What's not working in your last team?




**What do you have?**  
What do you have in your last meeting?  
What do you have in your last project?  
What do you have in your last team?




**How should we have acted?**  
How should we have acted in your last meeting?  
How should we have acted in your last project?  
How should we have acted in your last team?




**What's next?**  
What's next in your last meeting?  
What's next in your last project?  
What's next in your last team?

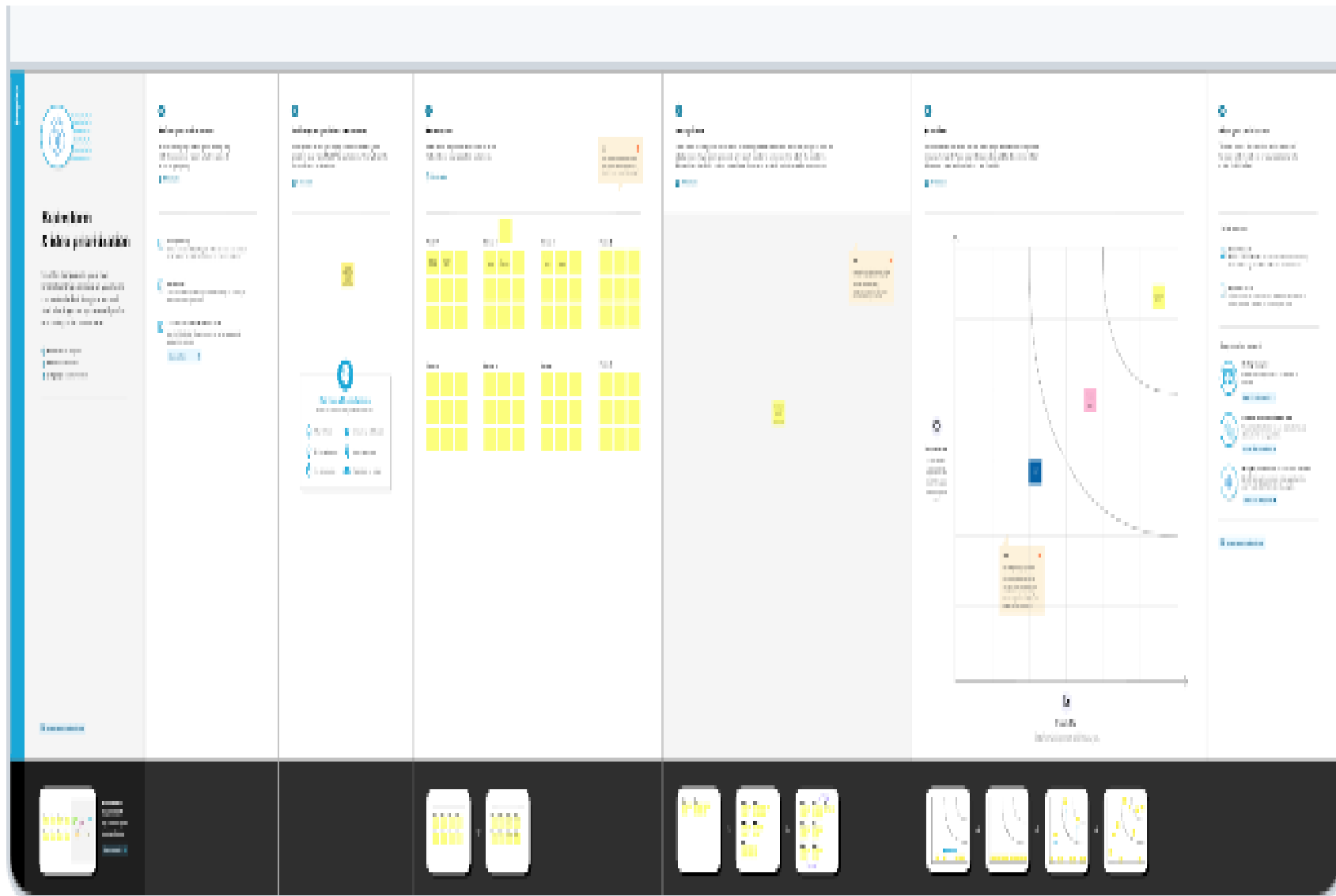


**What's not working?**  
What's not working in your last meeting?  
What's not working in your last project?  
What's not working in your last team?

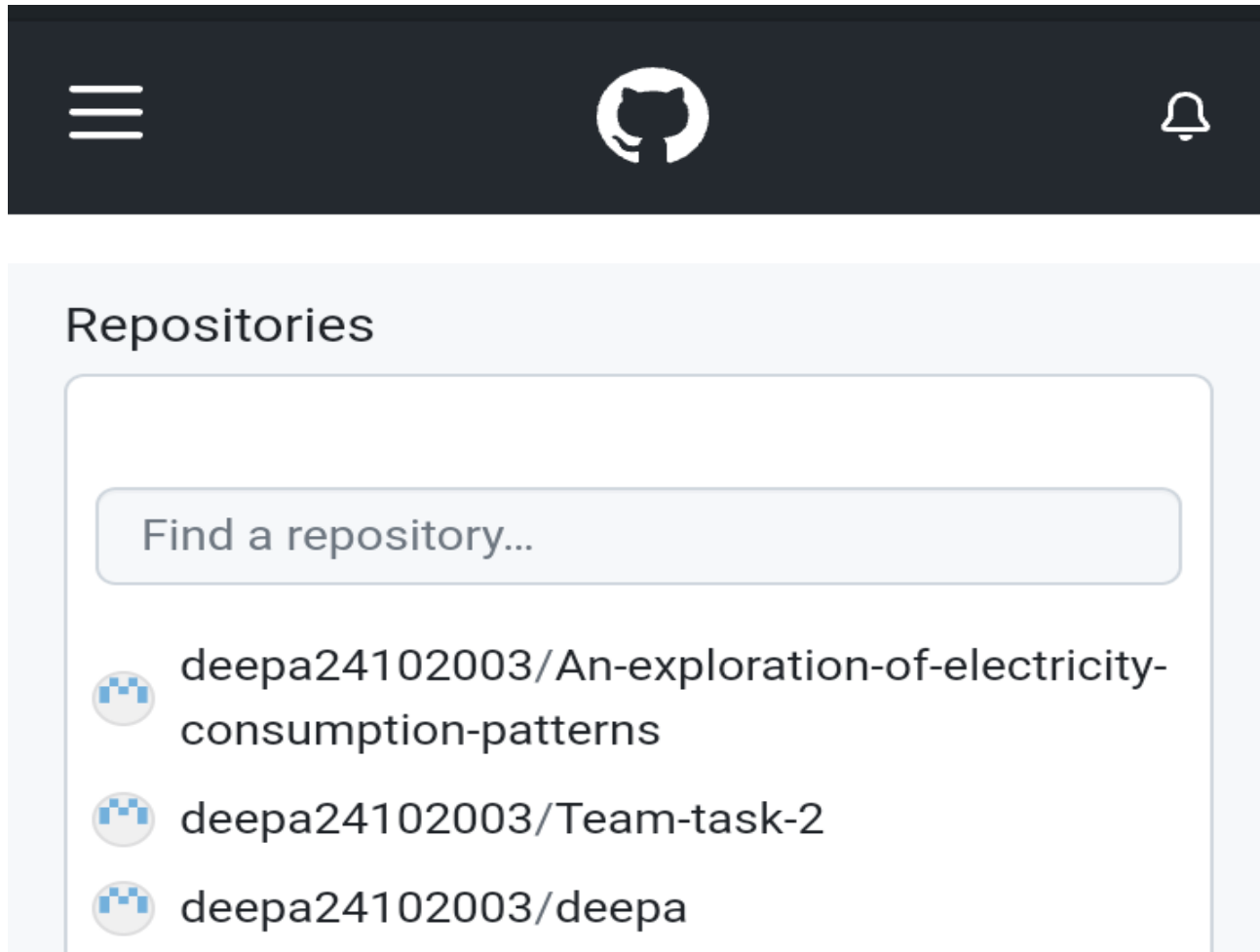




# Create Brain storming in mural



# Collobrate to the Getrepo task uploaded by Github



# Activity 2

Collect the databases for our project tittle with data analytic URL

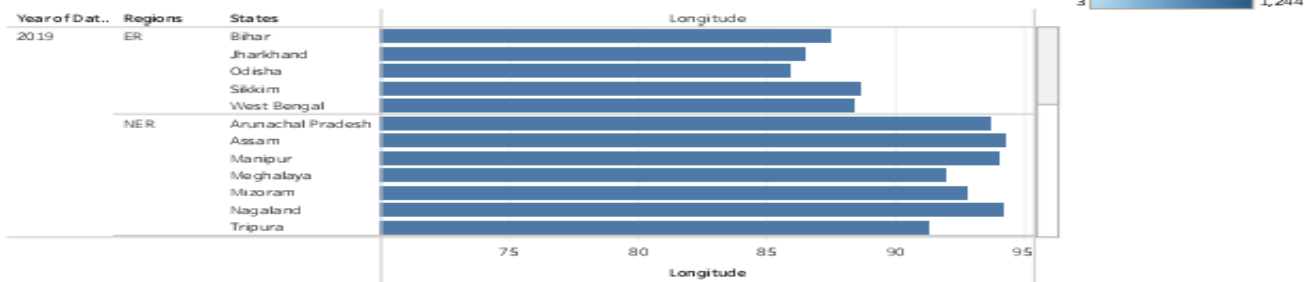
Consumption											...		
	A	B	C	D	E	F	G	H	I	J	K		
1	States	Regions	latitude	longitude	Dates	Usage							
2	Punjab	NR	31.519974	75.9800028	1/2/2019	119.9							
3	Haryana	NR	28.4500063	77.019991	1/2/2019	130.3							
4	Rajasthan	NR	26.4499992	74.6399812	1/2/2019	234.1							
5	Delhi	NR	28.6699929	77.230004	1/2/2019	85.8							
6	UP	NR	27.5999807	78.0500057	1/2/2019	313.9							
7	Uttarakhand	NR	30.320409	78.0500057	1/2/2019	40.7							
8	HP	NR	31.1000255	77.166597	1/2/2019	30							
9	J&K	NR	33.45	76.24	1/2/2019	52.5							
10	Chandigarh	NR	30.719997	76.7800057	1/2/2019	5							
11	Chhattisgarh	WR	22.0904203	82.1599873	1/2/2019	78.7							
12	Gujarat	WR	22.2587	71.1924	1/2/2019	319.5							
13	MP	WR	21.3003911	76.1300195	1/2/2019	253							
14	Maharashtra	WR	19.2502319	73.1601749	1/2/2019	428.6							
15	Goa	WR	15.491997	73.8180007	1/2/2019	12.8							
16	DNH	WR	20.2665782	73.0166178	1/2/2019	18.6							
17	Andhra Pradesh	SR	14.7504291	78.5700256	1/2/2019	164.6							
18	Telangana	SR	18.1124	79.0193	1/2/2019	204.2							
19	Karnataka	SR	12.5703813	76.9199971	1/2/2019	206.3							
20	Kerala	SR	8.90037274	76.5699926	1/2/2019	72.7							
21	Tamil Nadu	SR	12.9203858	79.1500419	1/2/2019	268.3							
22	Pondy	SR	11.9349937	79.8300004	1/2/2019	6.3							
23	Bihar	ER	25.7854145	87.4799727	1/2/2019	82.3							
24	Jharkhand	ER	23.8003935	86.4199857	1/2/2019	24.8							
25	Odisha	ER	19.8204297	85.9000175	1/2/2019	70.2							
26	West Bengal	ER	22.5803904	88.3299466	1/2/2019	108.2							
27	Sikkim	ER	27.3333303	88.6166475	1/2/2019	2							
28	Arunachal Pradesh	NER	27.1003988	93.6166007	1/2/2019	2							
29	Assam	NER	26.7499809	94.2166674	1/2/2019	21.7							
30	Manipur	NER	24.7999707	93.950017	1/2/2019	2.7							
31	Meghalaya	NER	25.5704922	91.8800142	1/2/2019	6.1							
32	Mizoram	NER	23.710399	92.7200146	1/2/2019	1.9							
33	Nagaland	NER	25.6669979	94.1165702	1/2/2019	2.2							
34	Tripura	NER	23.8354043	91.2799991	1/2/2019	3.4							
35	Punjab	NR	31.519974	75.9800028	1/3/2019	121.9							
36	Haryana	NR	28.4500063	77.019991	1/3/2019	133.5							
37	Rajasthan	NR	26.4499992	74.6399812	1/3/2019	240.2							
38	Delhi	NR	28.6699929	77.230004	1/3/2019	85.5							
39	UP	NR	27.5999807	78.0500057	1/3/2019	311.8							
40	Uttarakhand	NR	30.320409	78.0500057	1/3/2019	39.3							
41	HP	NR	31.1000255	77.166597	1/3/2019	30.1							
42	J&K	NR	33.45	76.24	1/3/2019	54.1							
43	Chandigarh	NR	30.719997	76.7800057	1/3/2019	4.9							
44	Chhattisgarh	WR	22.0904203	82.1599873	1/3/2019	78.8							
45	Gujarat	WR	22.2587	71.1924	1/3/2019	316.7							
46	MP	WR	21.3003911	76.1300195	1/3/2019	253.6							
47	Maharashtra	WR	19.2502319	73.1601749	1/3/2019	419.6							
48	Goa	WR	15.491997	73.8180007	1/3/2019	13.7							
49	DNH	WR	20.2665782	73.0166178	1/3/2019	18.2							
50	Andhra Pradesh	SR	14.7504291	78.5700256	1/3/2019	170.1							
51	Telangana	SR	18.1124	79.0193	1/3/2019	204.5							
52	Karnataka	SR	12.5703813	76.9199971	1/3/2019	212.2							
53	Kerala	SR	8.90037274	76.5699926	1/3/2019	73.6							
54	Tamil Nadu	SR	12.9203858	79.1500419	1/3/2019	285.2							
55	Pondy	SR	11.9349937	79.8300004	1/3/2019	6.5							
56	Bihar	ER	25.7854145	87.4799727	1/3/2019	8							
57	Jharkhand	ER	23.8003935	86.4199857	1/3/2019	25.6							
58	Odisha	ER	19.8204297	85.9000175	1/3/2019	67.9							
59	West Bengal	ER	22.5803904	88.3299466	1/3/2019	110.2							
60	Sikkim	ER	27.3333303	88.6166475	1/3/2019	1.9							
61	Arunachal Pradesh	NER	27.1003988	93.6166007	1/3/2019	2.2							
62	Assam	NER	26.7499809	94.2166674	1/3/2019	23.4							
63	Manipur	NER	24.7999707	93.950017	1/3/2019	2.4							
64	Meghalaya	NER	25.5704922	91.8800142	1/3/2019	6.5							
65	Mizoram	NER	23.710399	92.7200146	1/3/2019	1.8							
66	Nagaland	NER	25.6669979	94.1165702	1/3/2019	2.2							
67	Tripura	NER	23.8354043	91.2799991	1/3/2019	3.6							
68	Punjab	NR	31.519974	75.9800028	1/4/2019	118.8							
69	Haryana	NR	28.4500063	77.019991	1/4/2019	128.2							
70	Rajasthan	NR	26.4499992	74.6399812	1/4/2019	239.8							
71	Delhi	NR	28.6699929	77.230004	1/4/2019	83.3							
72	UP	NR	27.5999807	78.0500057	1/4/2019	320.7							
73	Uttarakhand	NR	30.320409	78.0500057	1/4/2019	38.1							
74	HP	NR	31.1000255	77.166597	1/4/2019	30.1							
75	J&K	NR	33.45	76.24	1/4/2019	53.2							
76	Chandigarh	NR	30.719997	76.7800057	1/4/2019	4.8							
77	Chhattisgarh	WR	22.0904203	82.1599873	1/4/2019	74.8							

# Activity 3

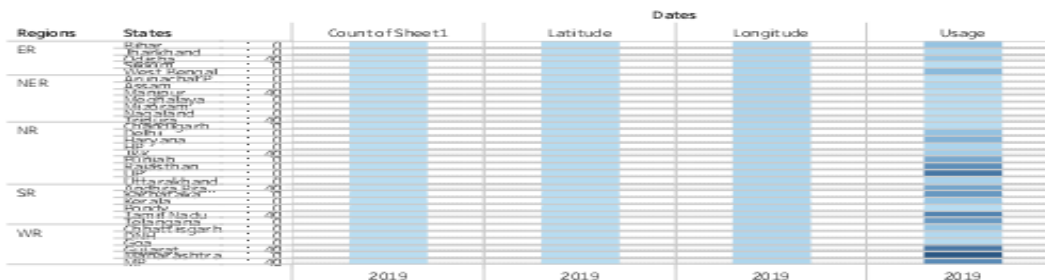
Create a dashboard and story telling by Tableau public

Dashboard 1

## LONGITUDE

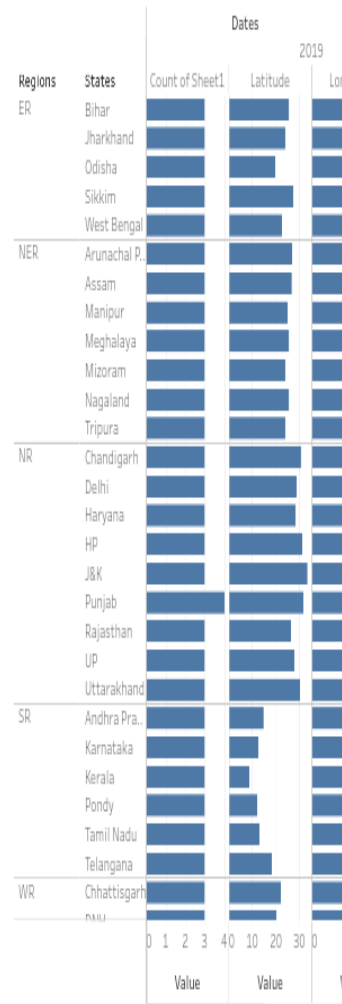


## LATITUDE

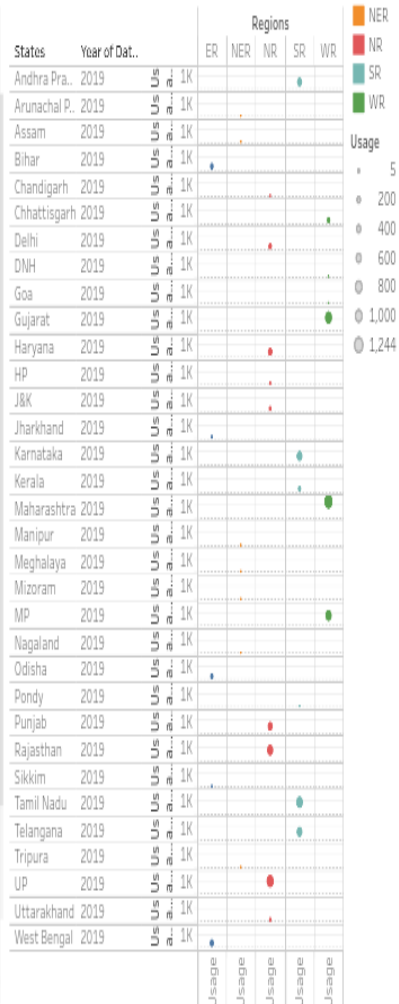


## Dashboard 2

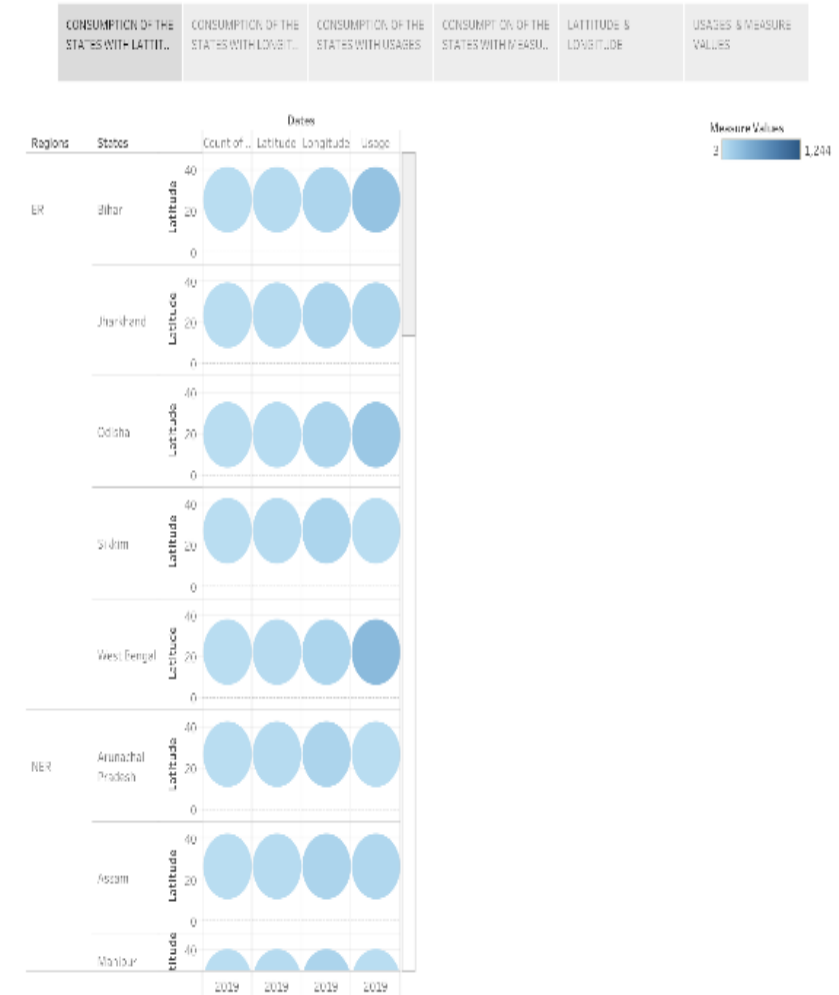
### MEASURE VALUES








### USAGES










## Story 1








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# Published by our team project

The screenshot shows a Tableau Public profile page for a user named DEEPA B. The page is part of the Salesforce ecosystem, as indicated by the 'salesforce' logo in the top left. The header includes the 'tableau public' logo and a navigation menu with a search icon and a hamburger menu. A blue banner at the top contains the text 'New to Tableau Public? Read our step-by-step guide to getting started on your own data visualization journey.' and a 'Customize Banner' button. Below the banner is the user's profile picture (a grey silhouette) and the name 'DEEPA B'. There is an 'Edit Profile' button. The navigation tabs are 'Vizzes' (1), 'Favorites' (0), 'Following' (0), and 'Followers' (0). The main content area displays a featured visualization titled 'Plugging into the Future: An Exploration of Electricity...' by DEEPA B. The visualization is a dashboard with multiple charts, including a bar chart and a table. The dashboard is titled 'Featured' and 'Dashboard 2: MEASURE VALUES'. The visualization shows data for 'USAGES' and 'MEASURE VALUES'. The user's profile shows 0 stars and 26 views. The footer includes a language selector set to 'English (US)' and a navigation menu with links to 'System Status', 'Blog', 'FAQ', 'About', 'Tableau Products', 'Careers', and 'Contact Us'.

salesforce

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Featured

Dashboard 2: MEASURE VALUES

Plugging into the Future: An Exploration of Electricity...

DEEPA B

☆ 0 26

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Finally record our team project outputs  
and results with my team mates

Uploaded the video link and all the  
result of our project submitted into  
the Github account

Submitted to the all activities our  
project percentage had been  
increased and completed to our  
project.



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Chat with Mentor

Project Title : Plugging into the Future: An Exploration of Electricity Consumption Patterns

NM Id : 123F7B41D3B14818EDB4937DE10C540C

Industry

Mentor(s) : Mentor-Data Analytics Name

Project Progress



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PROJECT DETAILS

TASK &amp; PROGRESS

MENTOR REVIEW



Plugging Into The Future: An Exploration Of Electricity Consumption Patterns

INTERMEDIATE

## Plugging Into The Future: An Exploration Of Electricity Consumption Patterns

Category: Data Analytics With Tableau

Skills Required:

Tableau

Project Description:

**Project Description:**

India is the world's third-largest producer and consumer of electricity. The national electric grid in India has a capacity of 370.106 GW as of 31 March 2020. Renewable energy sources, including large hydroelectric plants, constitute 35% of the total capacity. During the fiscal year (FY) 2019–20, the total electricity generated in the country was 1,598 TWh, of which 1,383 TWh was consumed. The gross electricity consumption per capita in India is 1,383 kWh per year.