

# PLUGGING INTO THE FUTURE: AN EXPLORATION OF ELECTRICITY CONSUMPTIONS PATTERNS

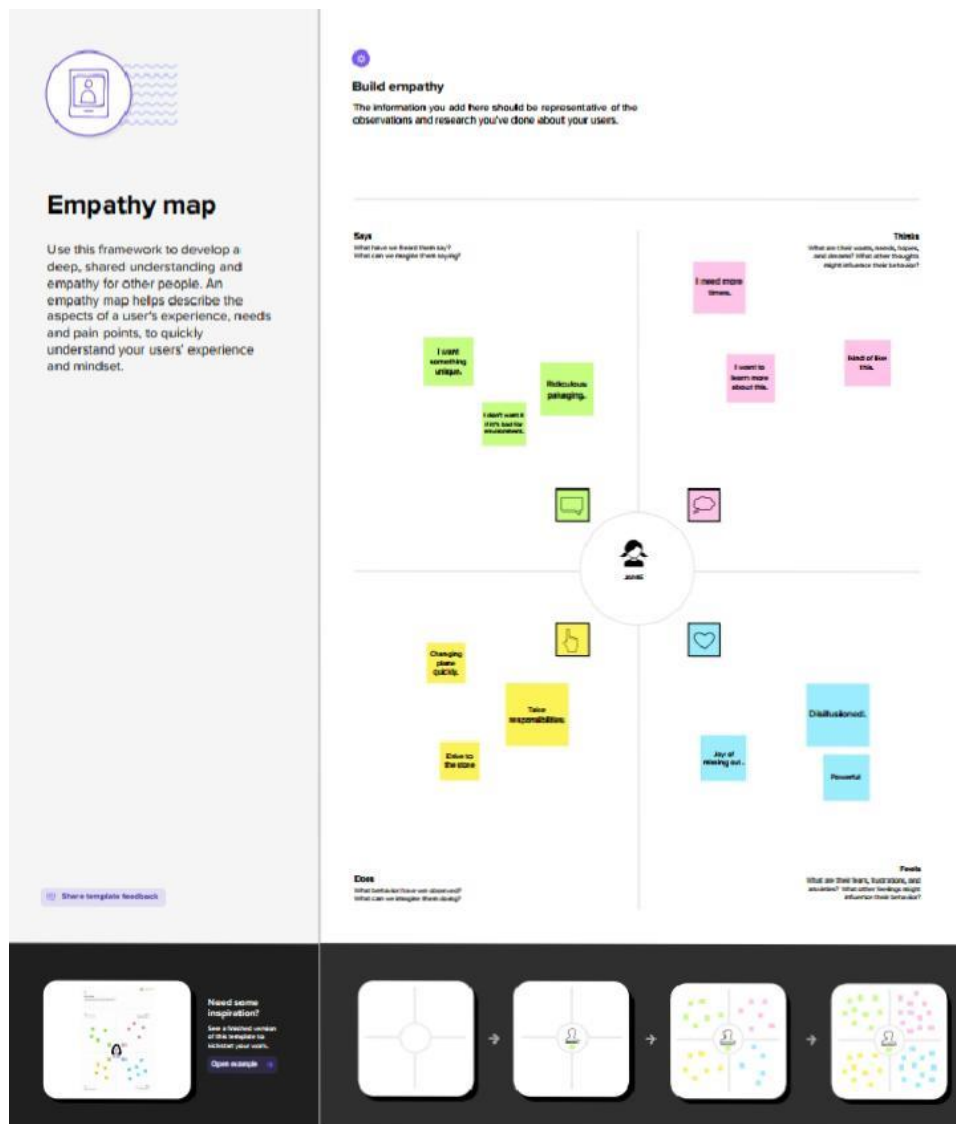
## Introduction:

Whereas electricity consumption represents the amount of electrical energy that has been consumed over a specific time ,in units of Wh(or kWh), electricity demand represents that rate at. whichelectrical energy is consumed for a needed output rating , in units of W(or Wk).

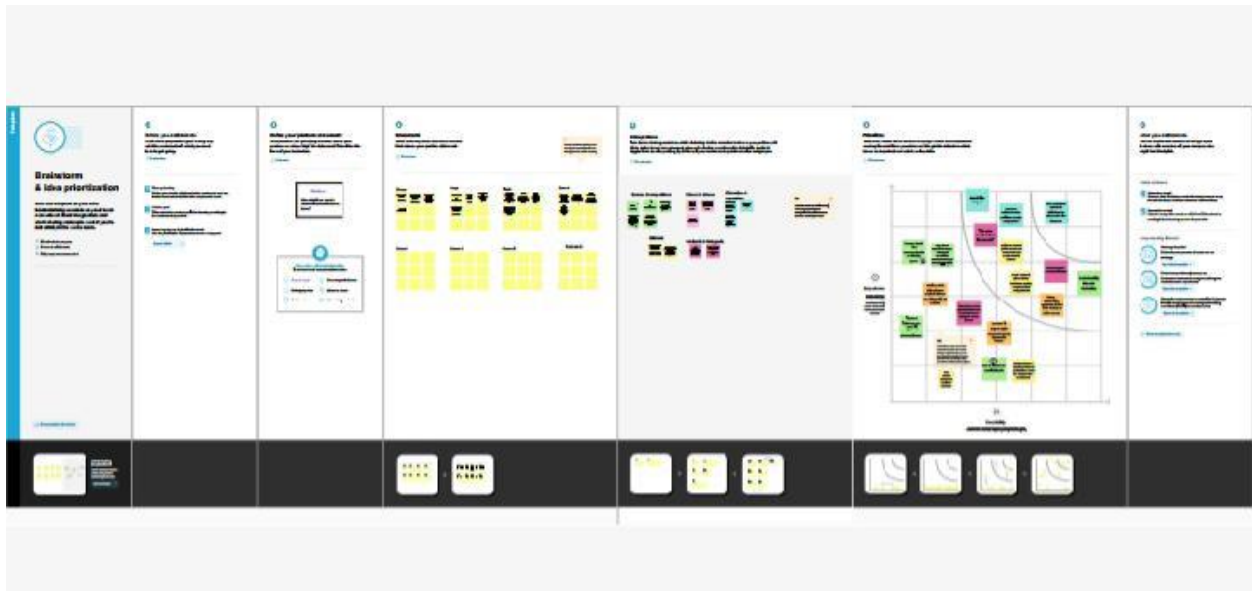
## Purpose of electricity consumption:

Annual electricity consumption per capita serves as an important measures of a country's electric power development. Generally speaking, electricity consumption grows faster when the industrialization process develops quickly and goes down rapidly when industrialization is completed or near completion.

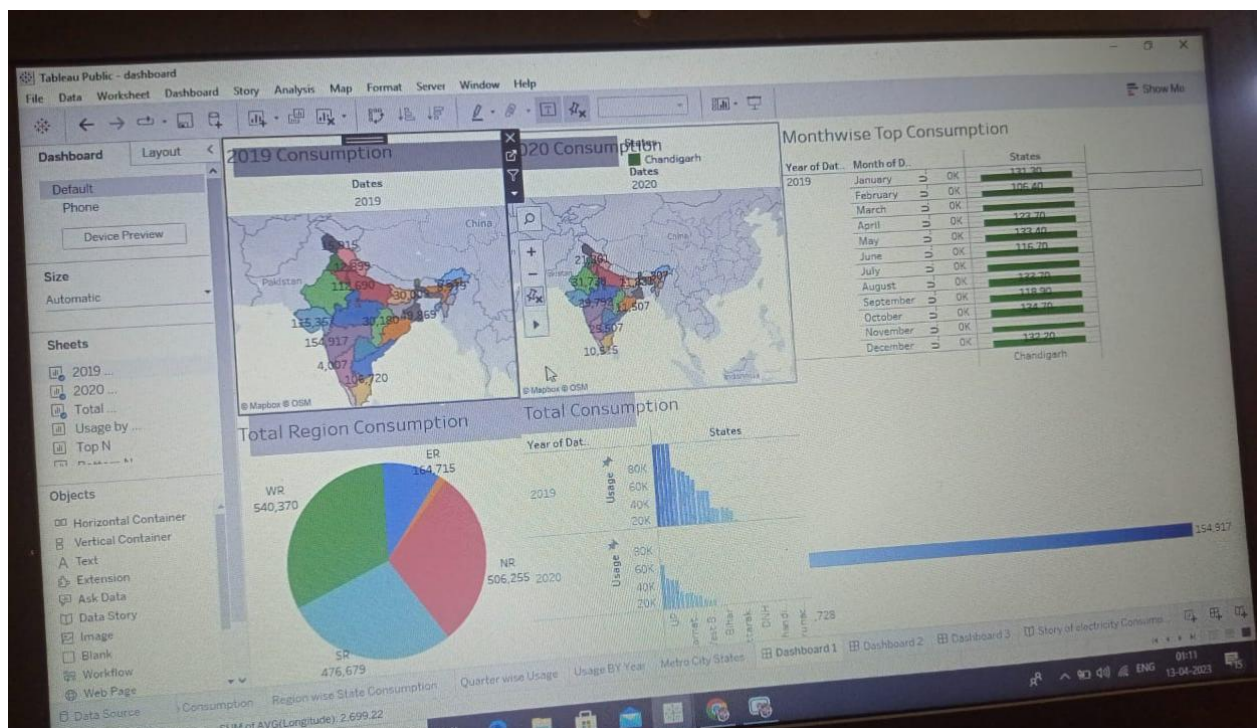
## Empathy Map:



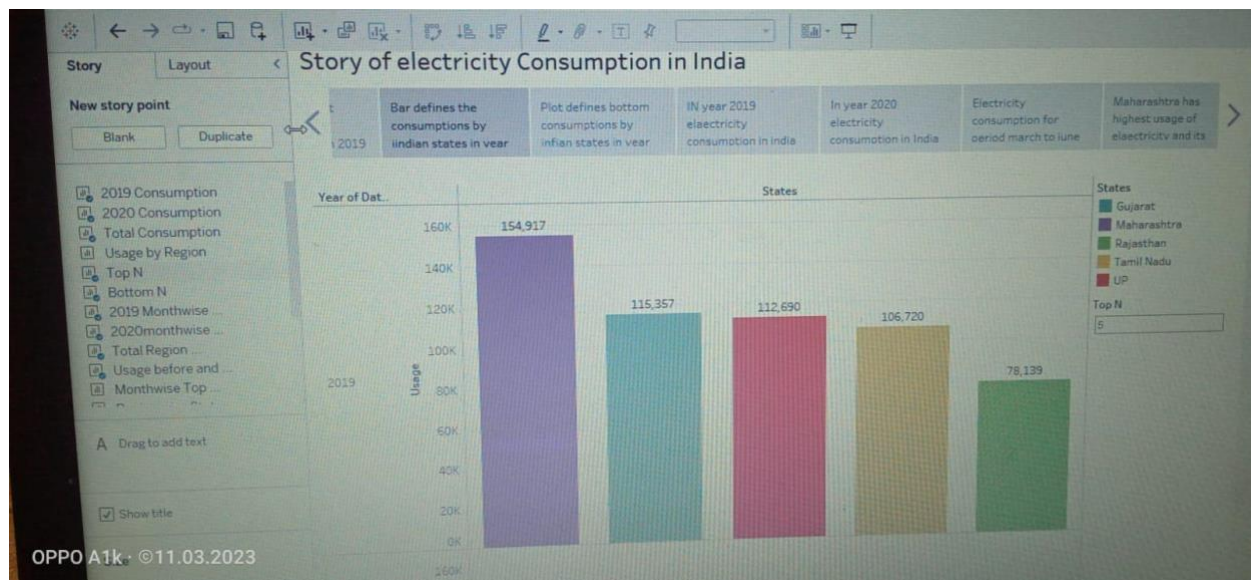
## Ideation & Brainstorming Map:



## Dashboard 1:



## Story of electricity consumption:



## Advantage of Electricity consumption:

- It is a clean ,safe,cheap and convenient source of energy.
- Lower maintenance cost.
- More efficient.
- It doesn't require as many employees.

Hydroelectricity produces no gas emissions or waste.

## Disadvantages of electricity:

- In electricity, there are a limited number of feasible sites for a large number of dams.
- Cost of construction.
- Dependent on precipitation.
- More expensive than gasoline.

### **Application of electricity consumption:**

People use electricity for lighting, heating, cooling, and refrigerator and for operating appliances, computers, electronics, machinery, and public transportation system.

### **Conclusion:**

Electricity is the backbone of Modern society. Our life will go back to the primitive age without electricity. There is a need for rational use of electricity, as it is largely produced from non-renewable sources like coal and water. Imagining the world without any use of electricity is very difficult these days. Small things like study lamps & Big things like a plane require electricity. Human civilization has become very modern, & electricity is needed everywhere.

