

# PROJECT REPORT

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## **INTRODUCTION:-**

### 1.1 OVERVIEW:-

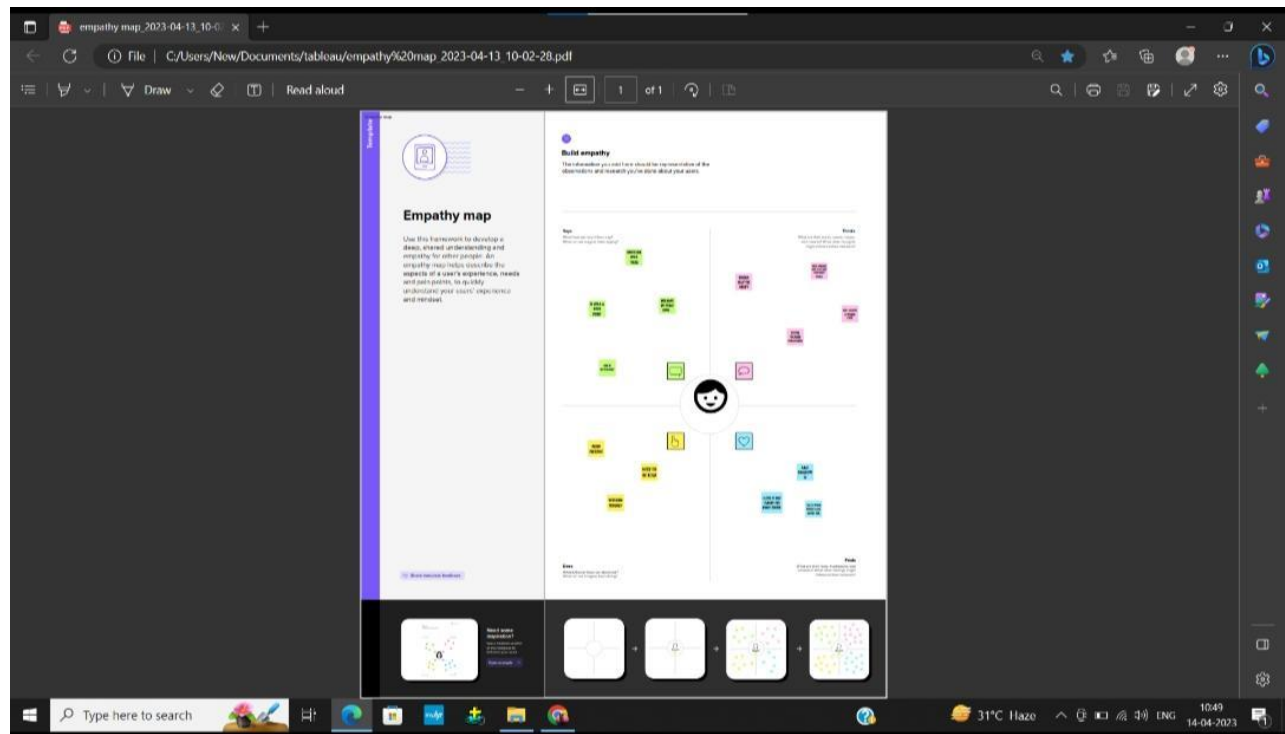
- With the data of electricity consumption in India we are going to represent the data in a visualised manner for better understanding.

### 1.2PURPOSE:-

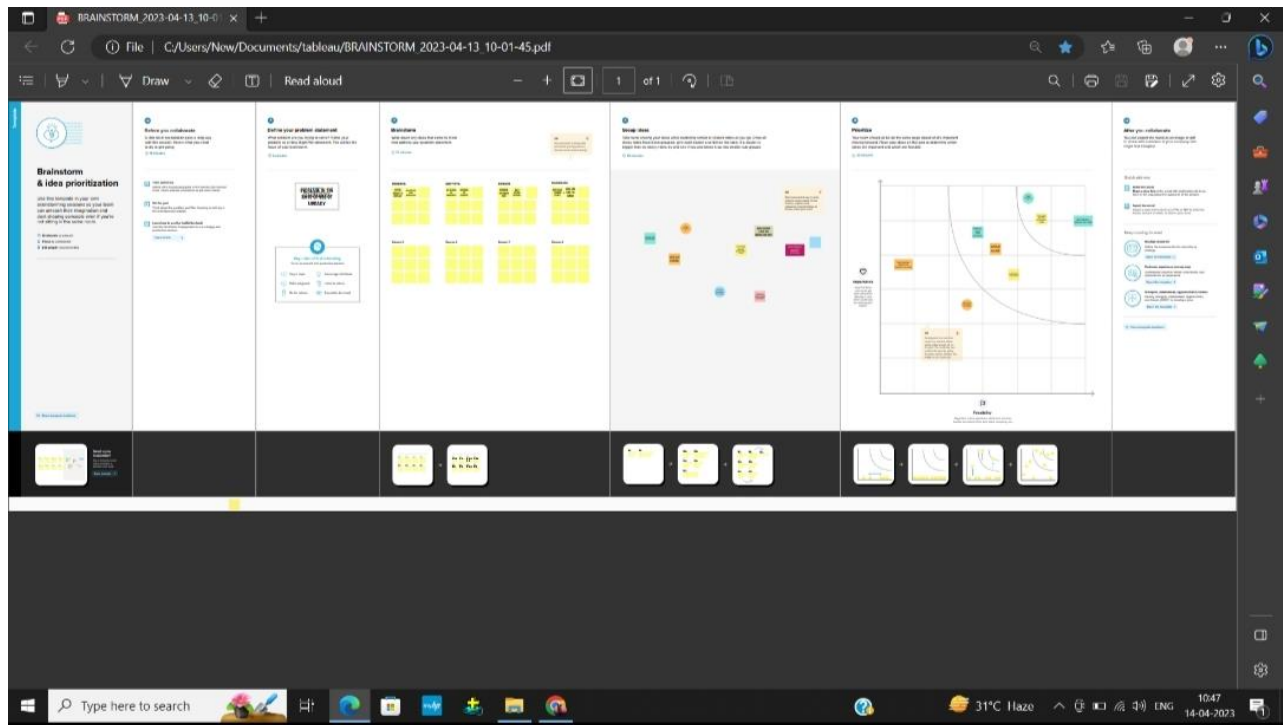
- The ability to quantify energy use is critical for your facility and your team . Monitoring power consumption of your plant provides you with the data needed to make important energy management decisions.

## **PROBLEM DECISION AND DESIGN THINKING:-**

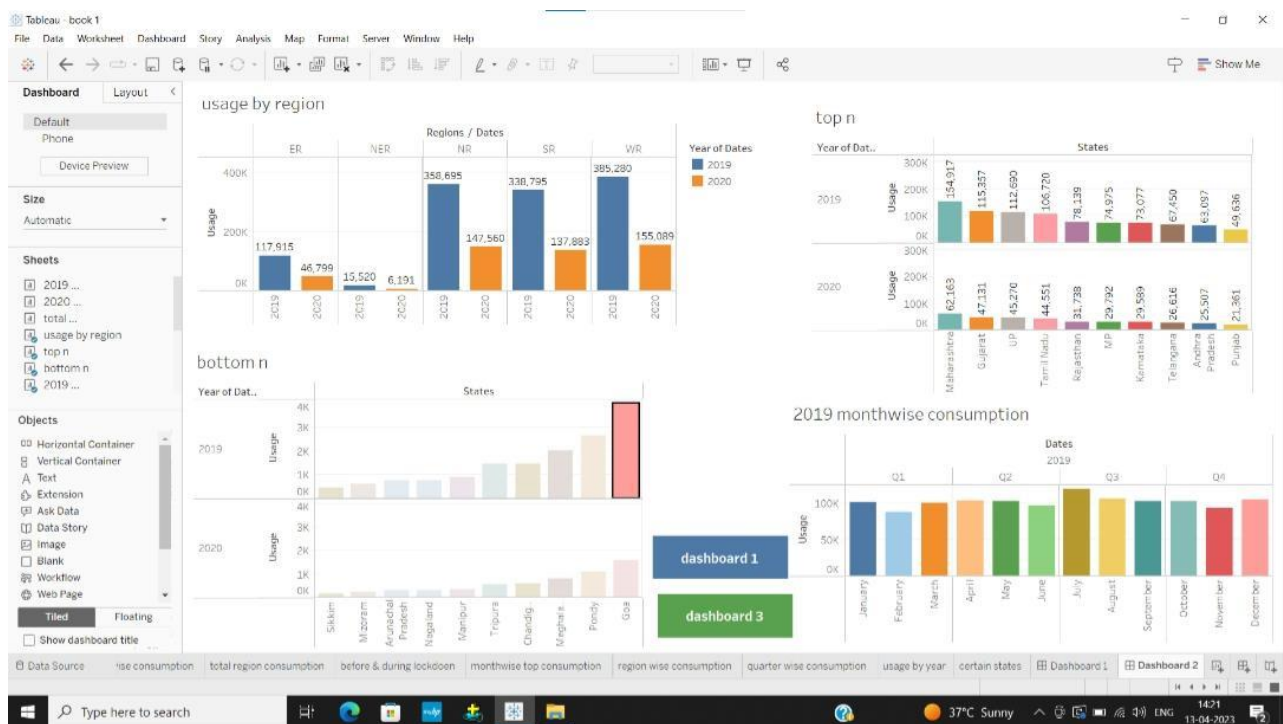
### 2.1 EMPATHY MAP:-

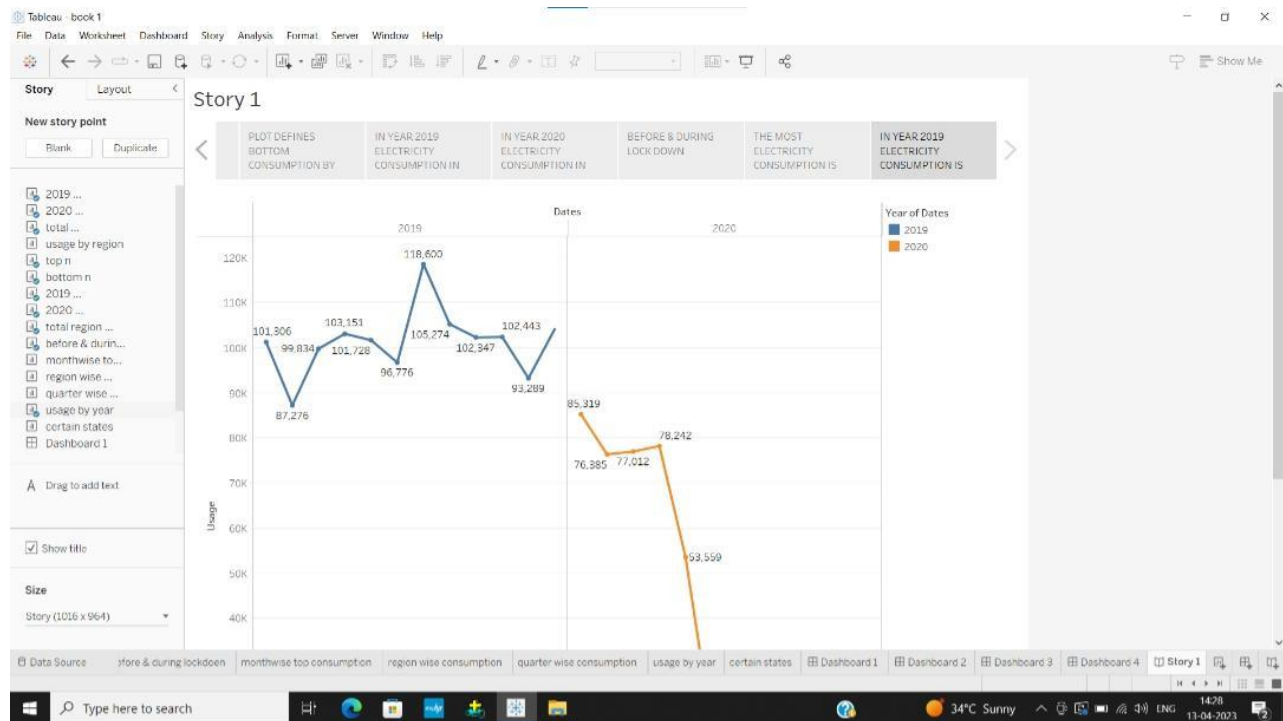


## 2.2 IDEATION AND BRAINSTORMING MAP:-



## RESULT:-





### **ADVANTAGES:-**

- It is easy to implement.
- Can handle large amounts of data.
- Allows us to customize dashboard.
- The representation of data is easy.
- Make it easy to compare data.

### **DISADVANTAGES:-**

- There is no automatic refreshing.
- The process of integration seems hard.
- It allows us to do only very basic preprocessing.

### **APPLICATION:-**

- To save electricity around the world .
- To understand the necessity of electricity consumption.

### **CONCLUSION:-**

- We are able to understand the consumption of electricity in India during the year 2019 and 2020.
- The pie chart and bar graph gives a clear visual of the data.
- With the help of dash board. We are able to see the overall information

### **FUTURE SCOPE:-**

- Can increase the user friendly experience.