

PROJECT REPORT

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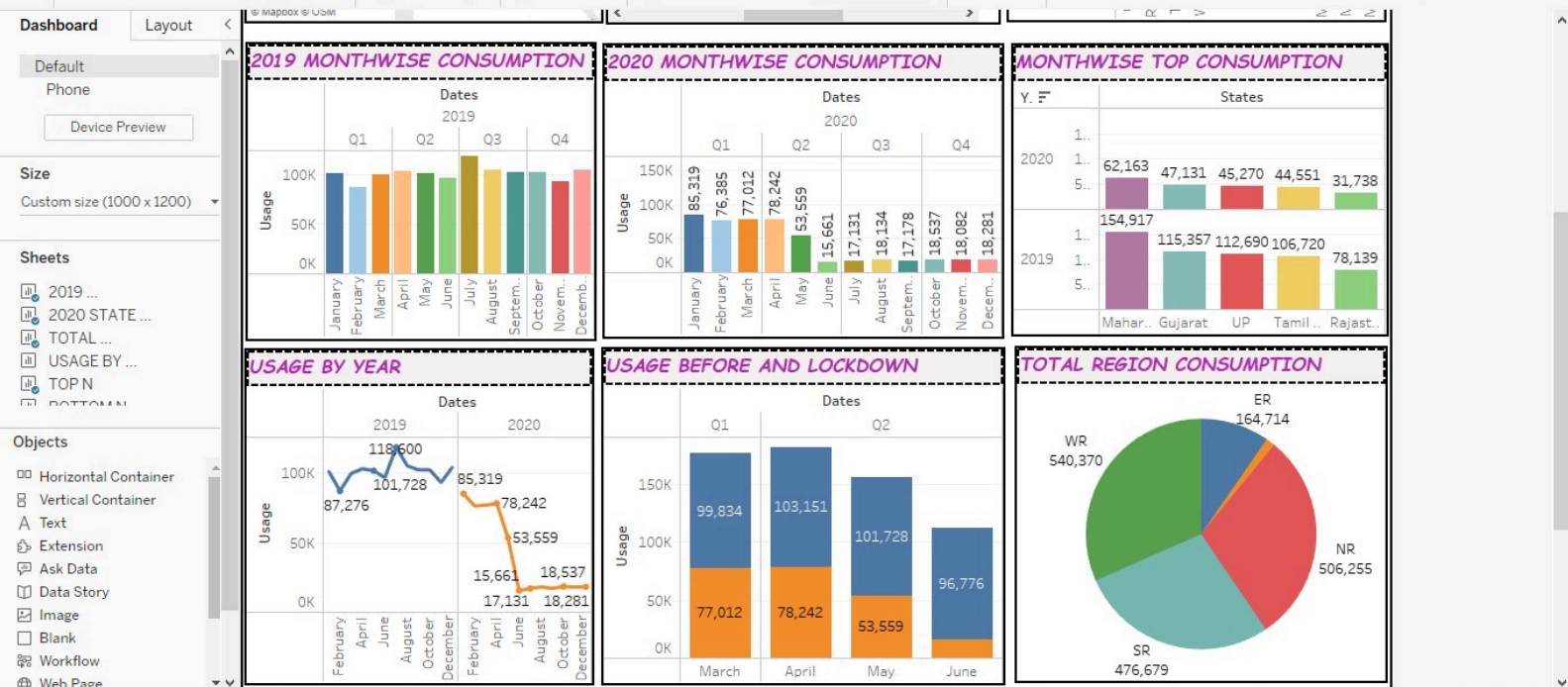
1. Introduction

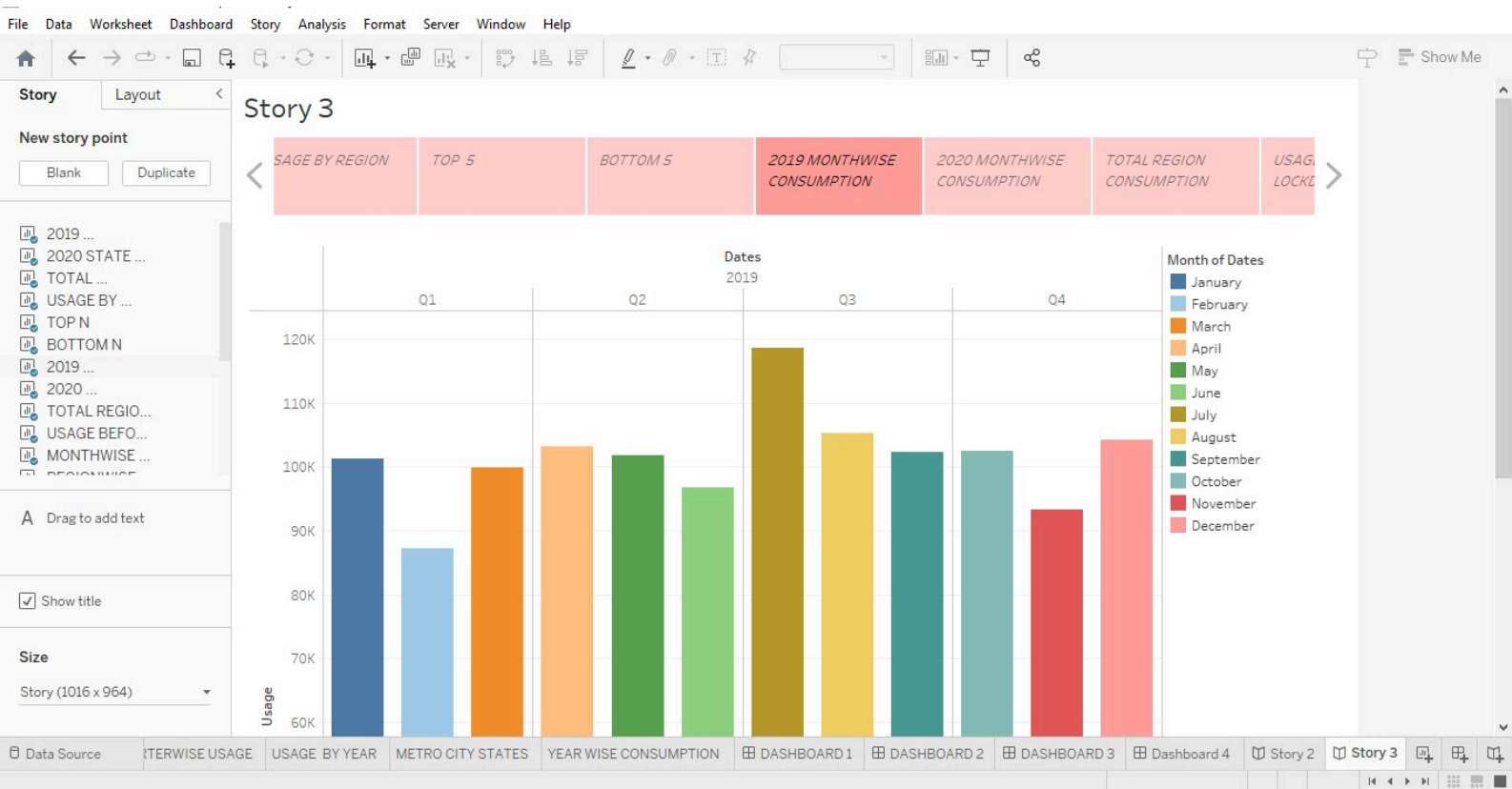
1.1 Overview

Our project mainly focuses on energy consumption patterns in India. We have visualised the energy usage in different states of India during the year 2019 and 2020 with the help of Tableau data visualization.

1.2 Purpose And Achievement

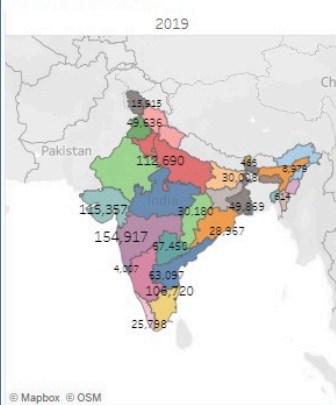
By working on this project we came to know the variations in the consumption of electricity in India. We came across the top energy users of India and also the states that use electricity the least and steps can be taken to overcome this. We also visualized the yearwise consumption and also how it varied during the lockdowns.







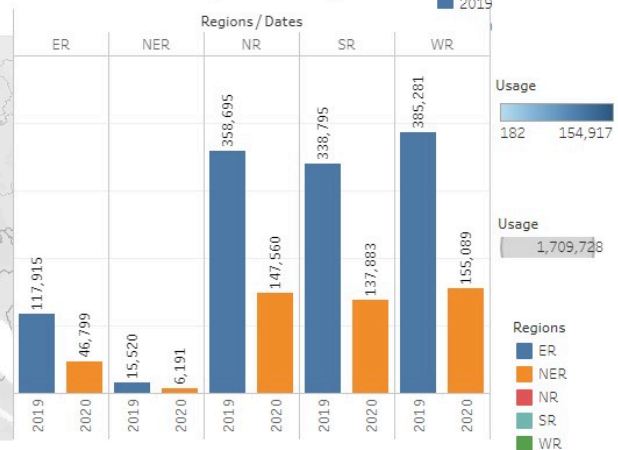
2019 Electricity Consumption



2020 Electricity Consumption



Year wise consumption in Region



Region Wise Consumption



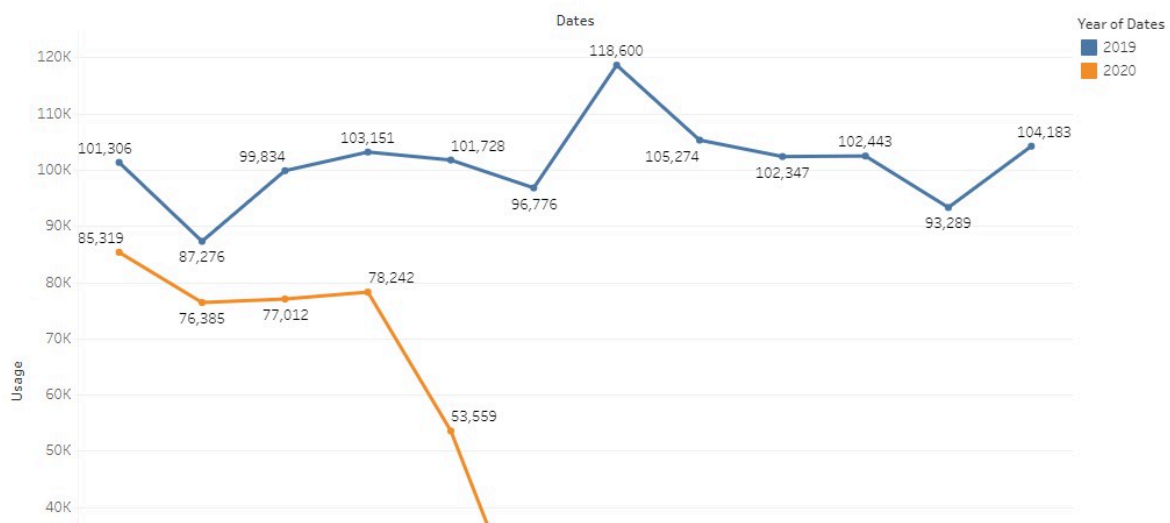
Total Consumption





Story on Electricity Consumption In India

< In Year 2020 Electricity Consumption in India was highest in January Electricity Consumption for period of March to June was less in 2020 as compared to 2019 The most consumption of Electricity is in WR followed by NR and SR whereas NER has less Maharashtra has highest usage of Electricity and its on Peak in Q2 of 2019 and its lowest In Year 2019 Electricity Consumption was more as compared to 2020 in India >



4. Advantages And Disadvantages

Advantages:

Data Visualization paves a simple way to study the distribution of electricity across India. One can view a lot of visualization in a single dashboard thus making us to compare the data's easily.

Disadvantages:

In case our dataset contains an error, it will be carried out in all of our visualization.

5. Applications

We can take measures to increase the supply of electricity in the areas where the electricity in the areas is the least in access.

Industrial areas can be supplied with high electricity connection with optimal slap rate.

Our project can help our Government to examine the energy consumption in different Parts of India.

6. Conclusion

By visualizing the entire energy consumption in india, it is clear that Maharashtra tops the lists during the year's 2019 and 2020. Tamilnadu is in the fourth place. We also analysed the position of each state. In 2019, July month has witnessed a high electricity consumption rate when compared to all other months and in 2020 January month tops the list.

7. Future Space

We might add a filter named "Voice". When clicked this option will narrate the information done on each visualizations.