

Project Report Template

1. Introduction

(i) overview

⇒ Our project explains about electricity consumption represents the amount of electrical energy that has been consumed over a specific time, in units of wh, electricity demand represents that rate at which electrical energy is consumed for a needed output rating.

(ii) purpose

⇒ Our project purpose is to use electricity for lighting, heating, cooling and refrigeration and for operating appliances, computers, electronics, machinery and public transportation systems.

4. Advantages of electricity

⇒ It is clean, safe, cheap and convenient source of energy.

⇒ Lower maintenance cost

⇒ More efficient

Disadvantages of electricity

⇒ Damming can cause loss of land suitable for agriculture as well as recreation.

⇒ More expensive than gasoline

⇒ Sometimes messes up wildlife

⇒ More power plants and more pollution

5. Applications

⇒ Electricity is unrivaled for many uses, as for computer operation, motive power and entertainment applications.

6. Conclusion

To accomplish this project, we complete all the activities listed below

(1) Define problem

⇒ Specify the business problem

⇒ Business requirements

⇒ Literature survey

⇒ Social or Business impact.

(2) Data collection and Extraction from Database

⇒ collect the dataset

⇒ storing data in DB

⇒ perform SQL operations

⇒ connect DB with Tableau

(3) Data preparation

⇒ prepare the data for visualizations

(4) Data visualizations

⇒ No of unique visualizations

(5) Dashboard

⇒ Responsive and design of dashboard

(6) Story

⇒ No of scenes of story

(7) performance Testing

⇒ Amount of data rendered to DB

⇒ utilization of data filters

⇒ No of calculation fields

⇒ No of visualizations

(8) web integration

⇒ Dashboard and story embed with ui with Flask

(9) Project Demonstration & Documentation

⇒ Record explanation video for project end to end solution.

⇒ Project documentation - step by step project development procedure

7. Future scope

⇒ Electricity will largely replace petrol and diesel as a fuel for road vehicles.

⇒ Electricity will grow in importance as a carbon-free energy carrier.



Empathy map

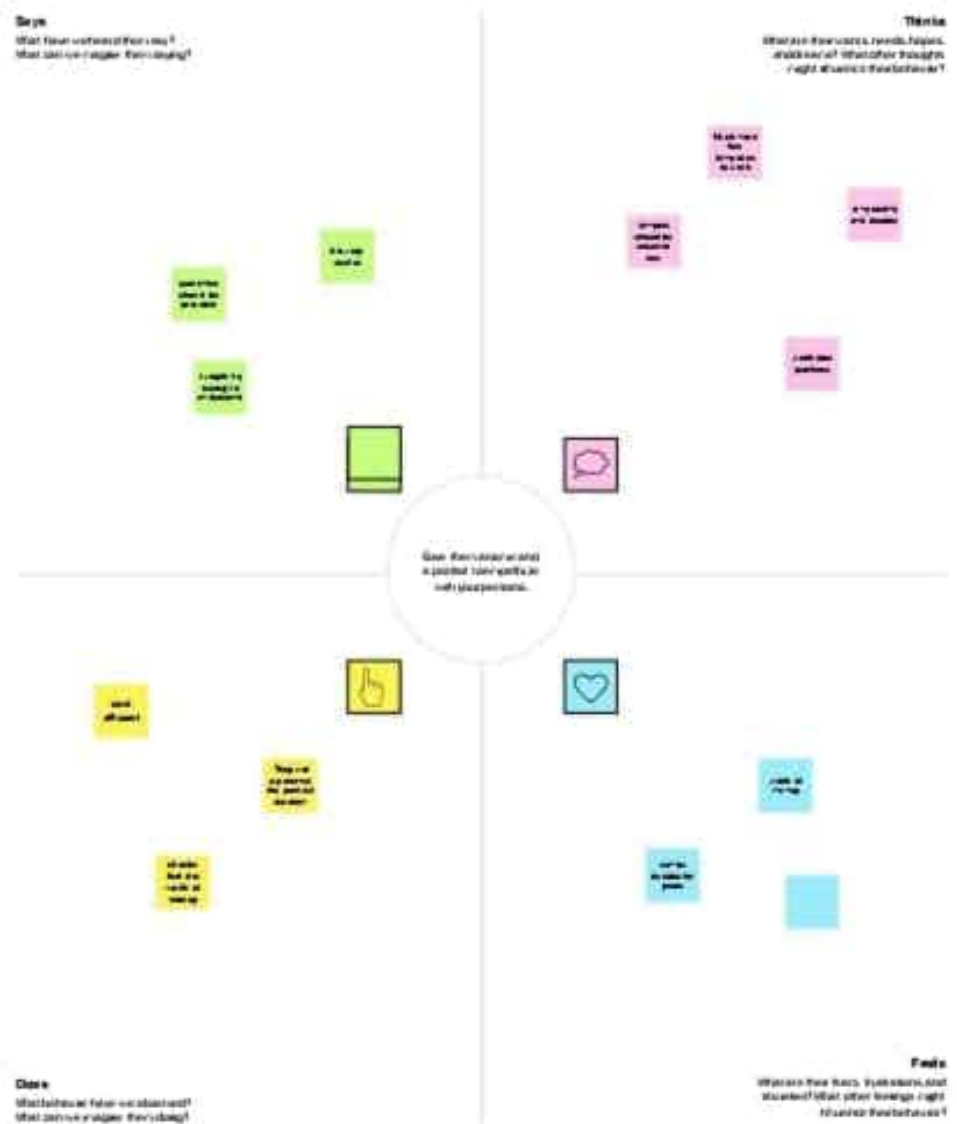
Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

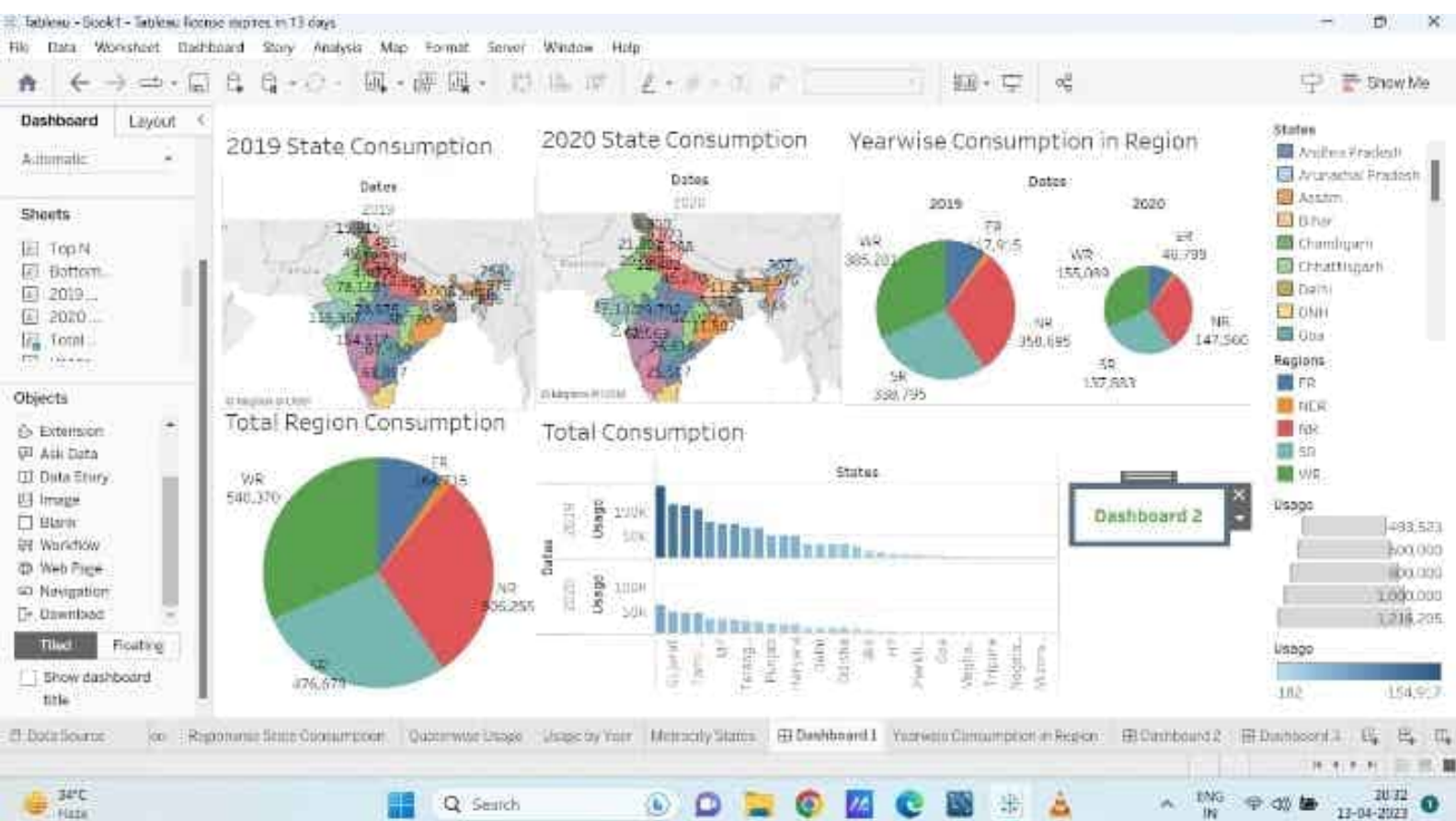
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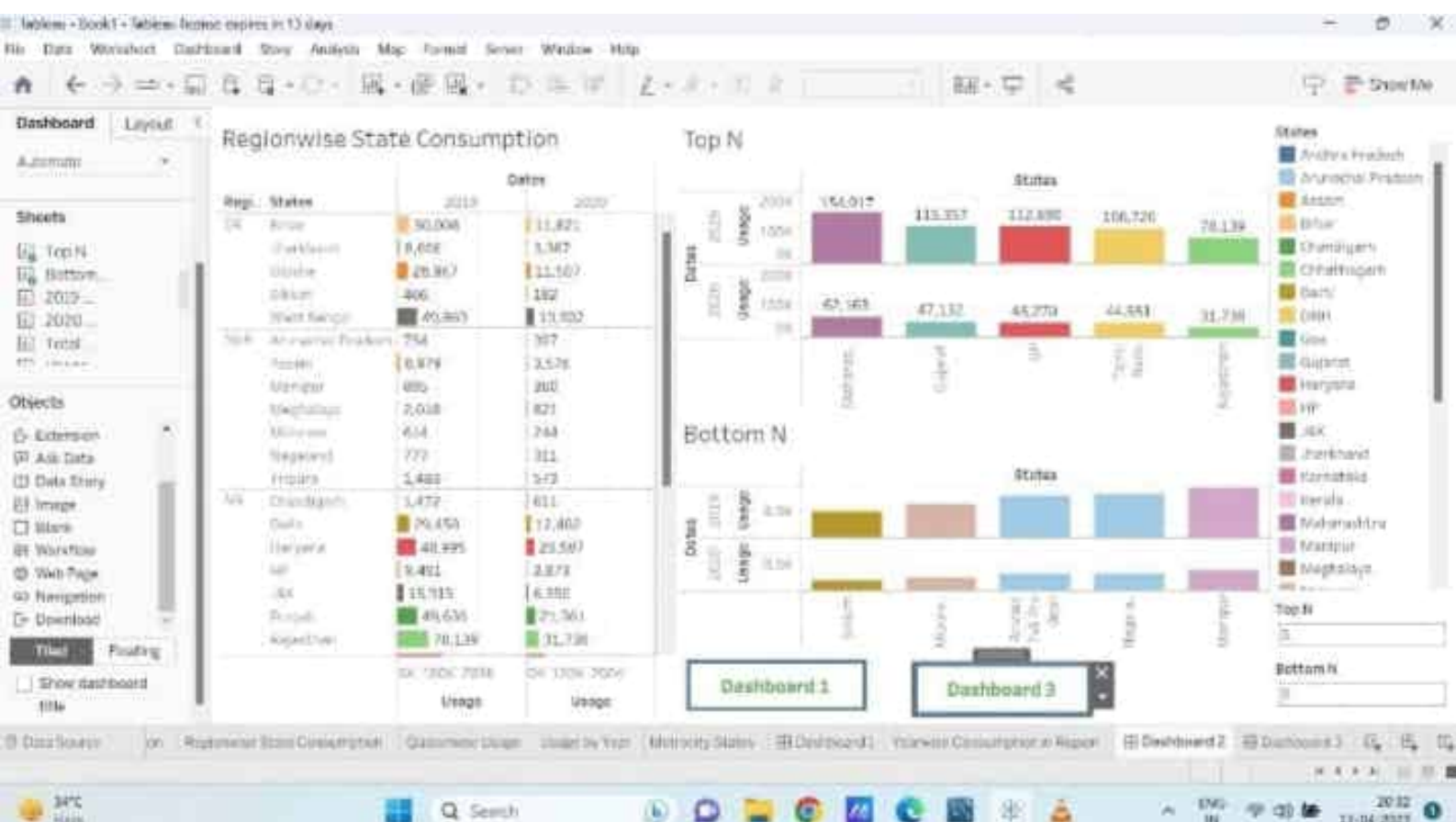


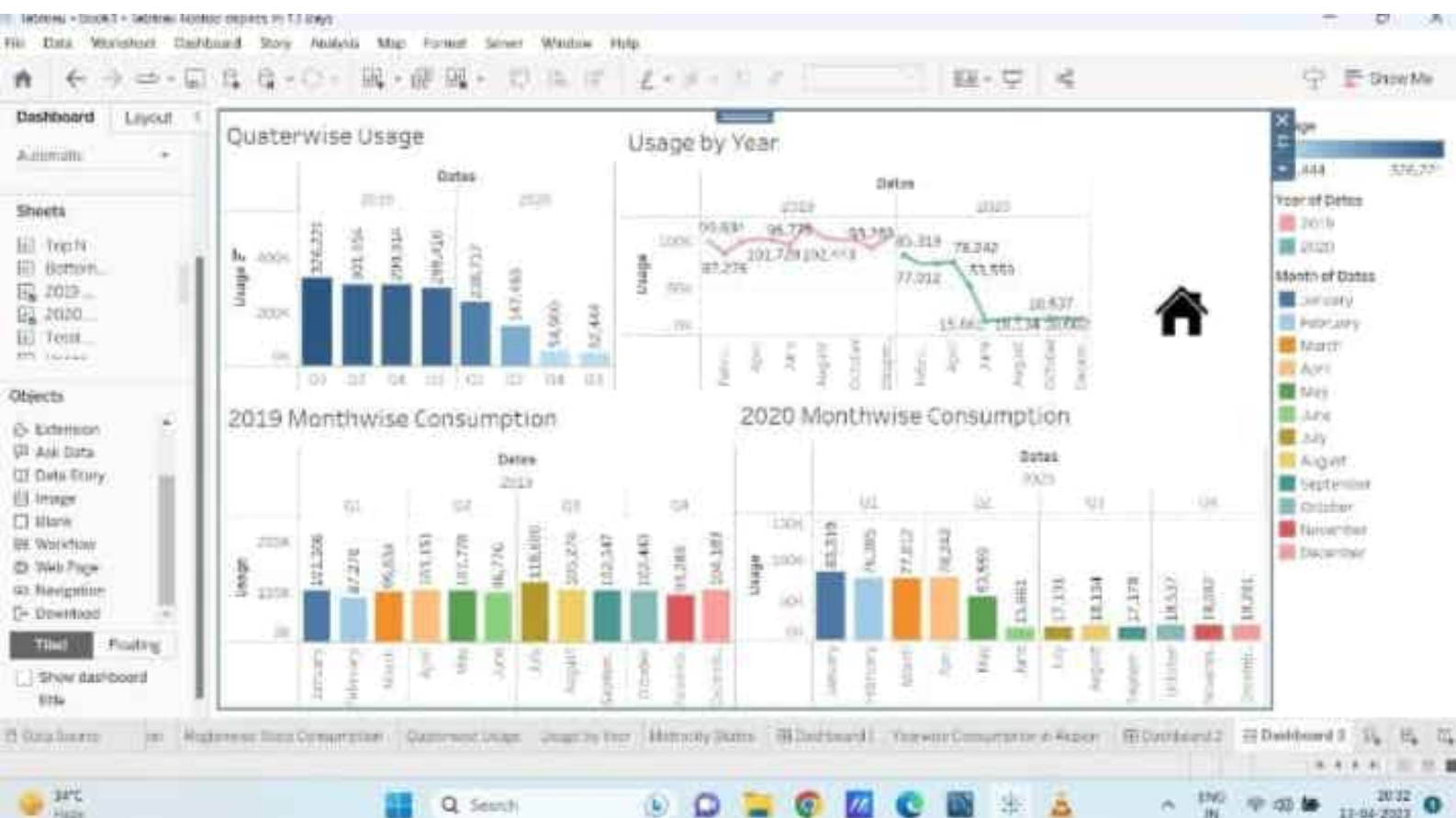
Build empathy

The information you add here should be representative of the observations and research you've done about your users.









New to Tableau Public? Read our step-by-step guide to getting started on your own data visualization journey.

Story on Electricity Consumption in India by Aishvarya Kannadasan

Story on Electricity Consumption in India

- Electricity consumption by Indian states in 2019
- Electricity Consumption by Indian states in 2020
- Bar plot for total electricity consumed by Indian states
- Region wise plot, nearly states consumption in 2019
- Plot defines top 10 consuming states in year 2019
- Plot defines bottom 10 consuming states in year 2019
- In year 2020, electricity consumption in India
- In year 2020, electricity consumption in India

