

## PROJECT REPORT

### PROJECT NAME:

Plugging into the Future:An Exploration of Electricity Consumption patterns

### TEAM MEMBERS:

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K.PARKAVI

## PROJECT REPORT

### INTRODUCTION:

#### Overview

Plugging into the future an exploration of electricity consumption patterns is the process of amount of electrical energy that has been consumed over specific time in unity of watt and electricity demand represents that rate at which electrical energy is consumed for a needed output rating, in units of watt.

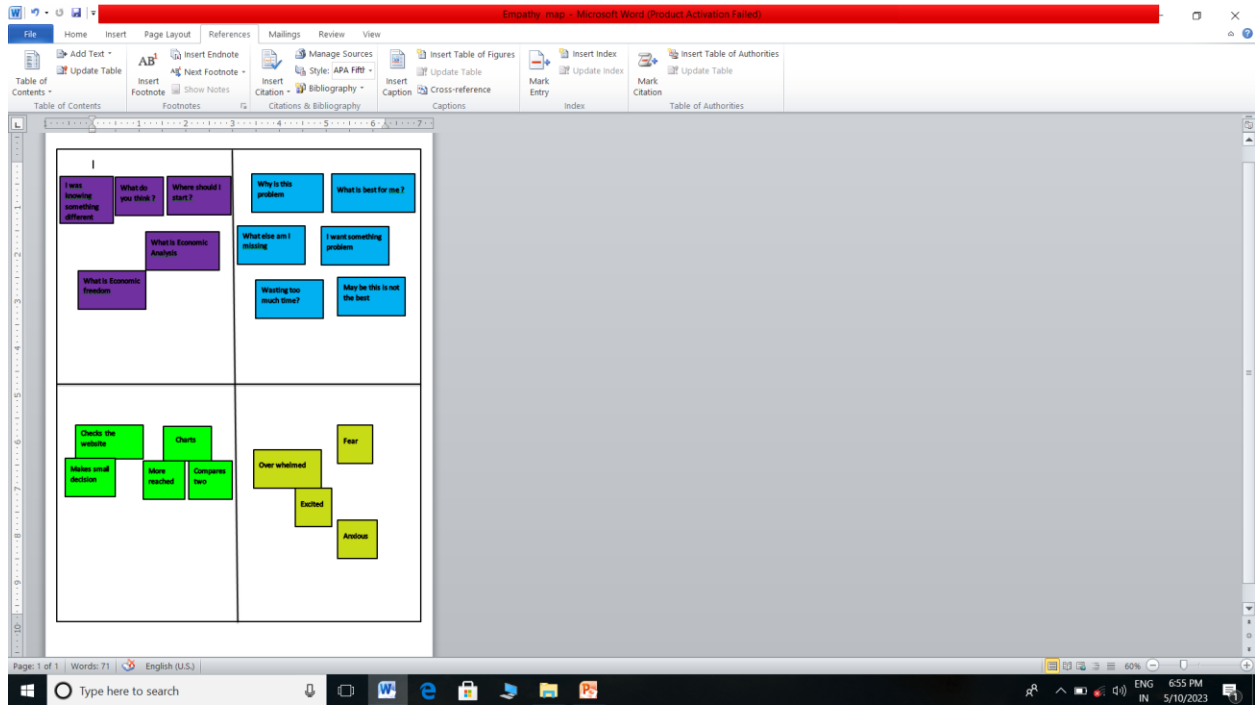
#### Purpose

It helps to understand the needs and preferences of electricity.

#### Problem Definition &Design Thinking

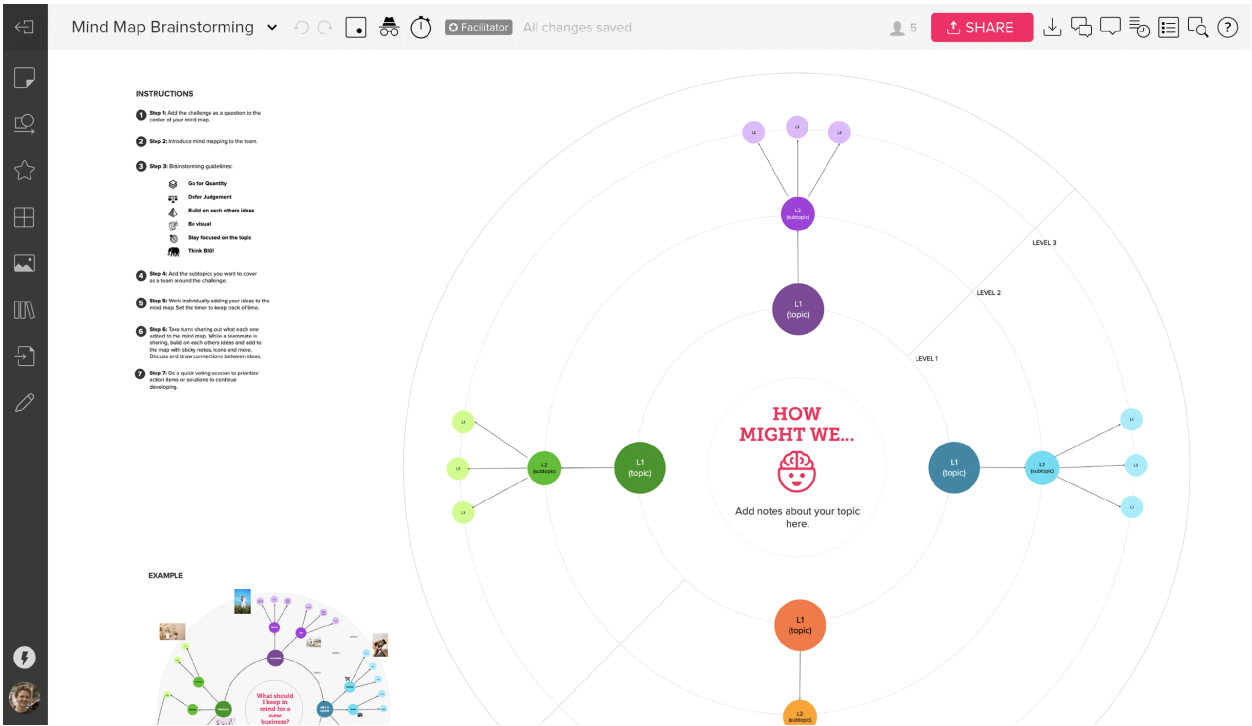
#### 2.1 Empathy map:

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## 2.2 ideation & Brainstorming Map:

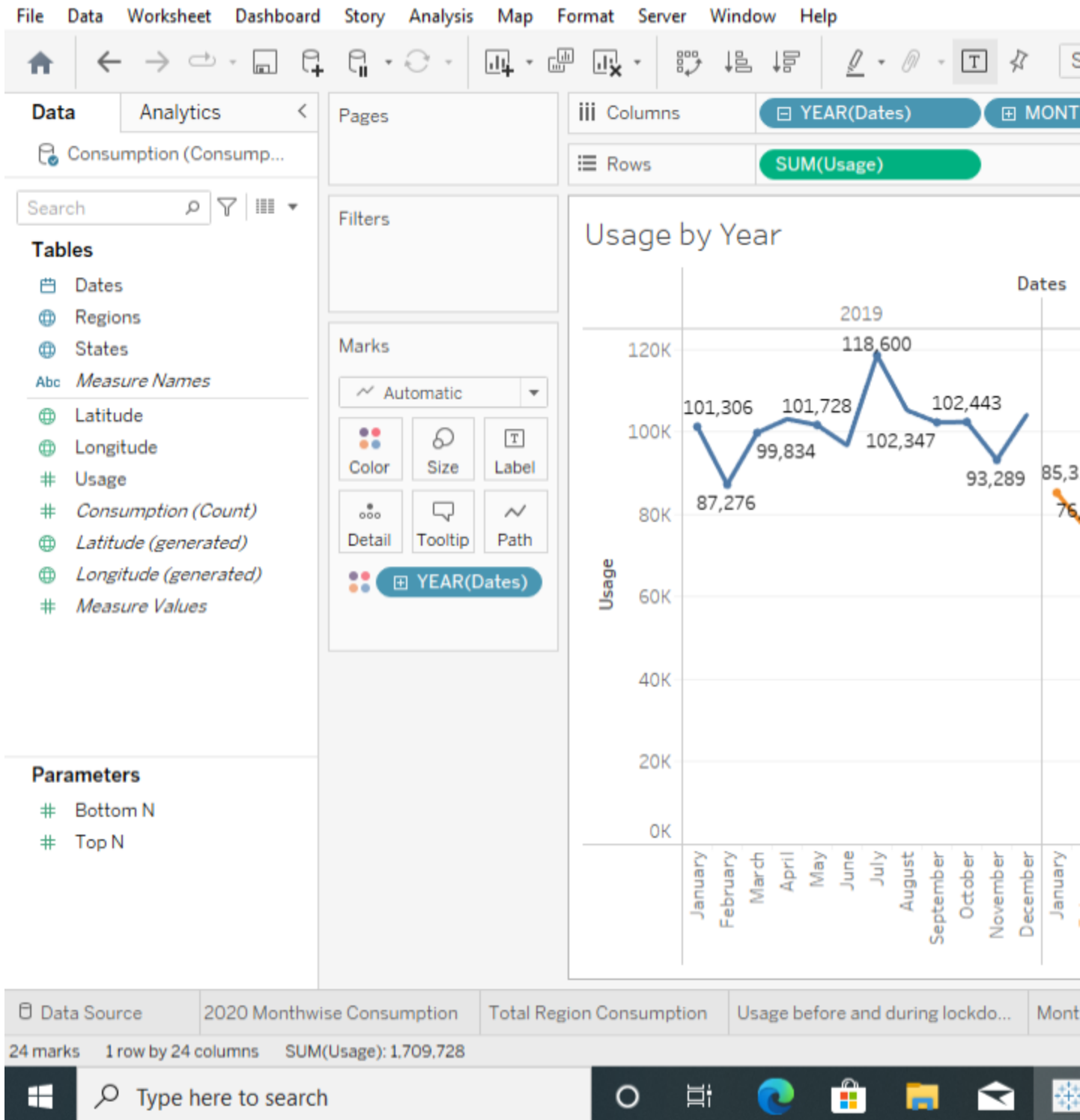
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3.Result:

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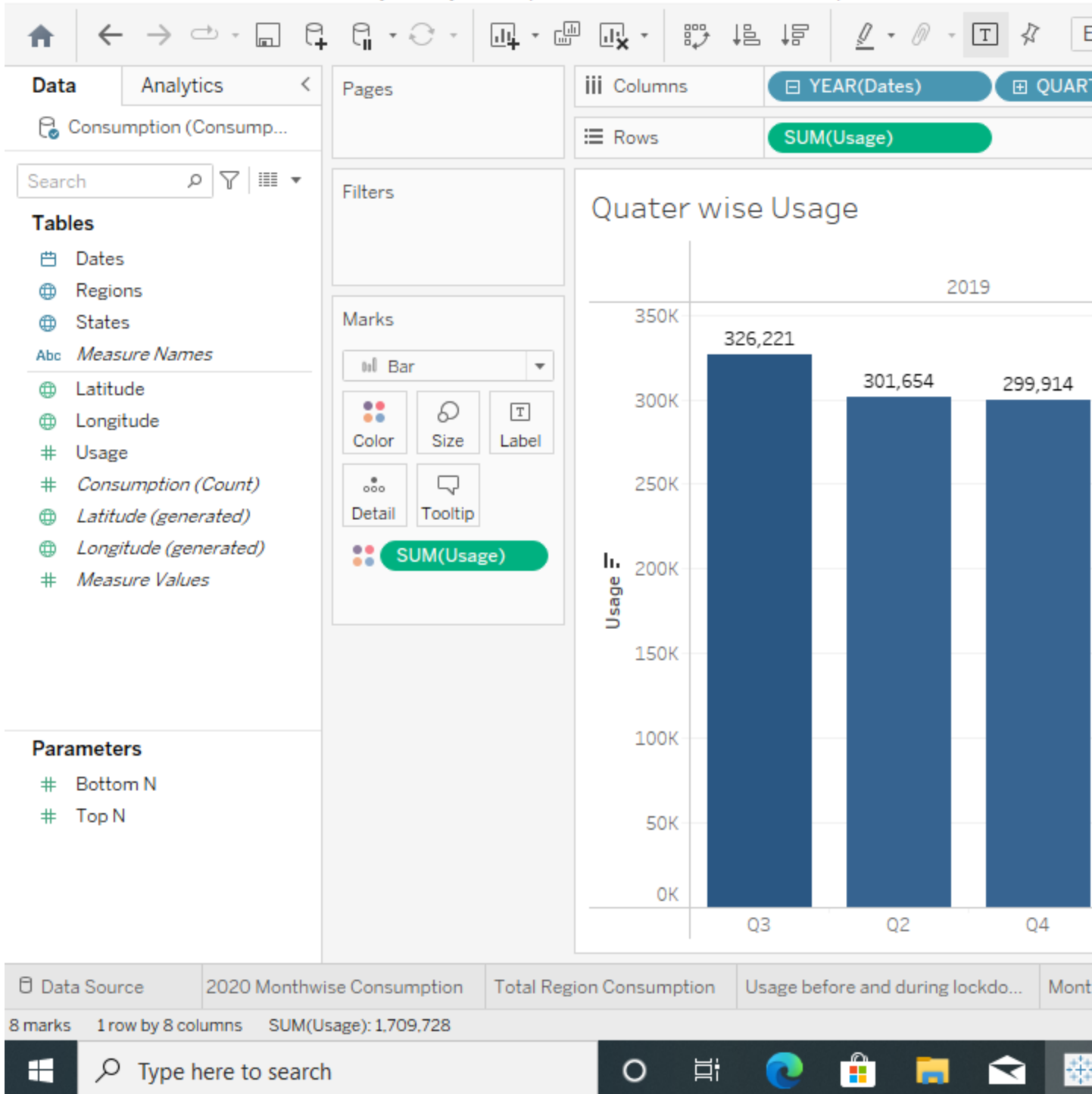
Tableau - team2 project - tableau license expires in 13 days



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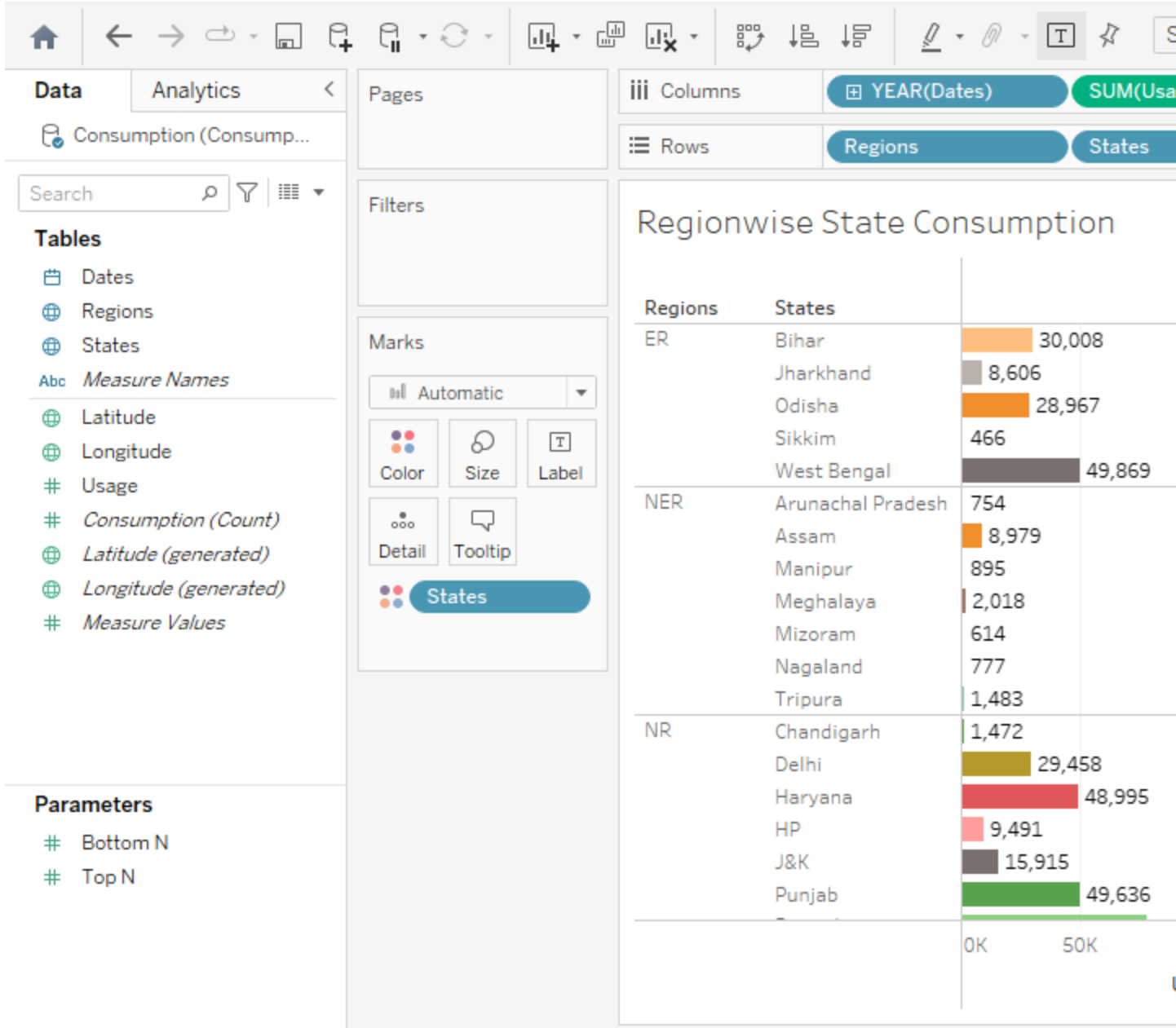
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Data Source 2020 Monthwise Consumption Total Region Consumption Usage before and during lockdo... Mont

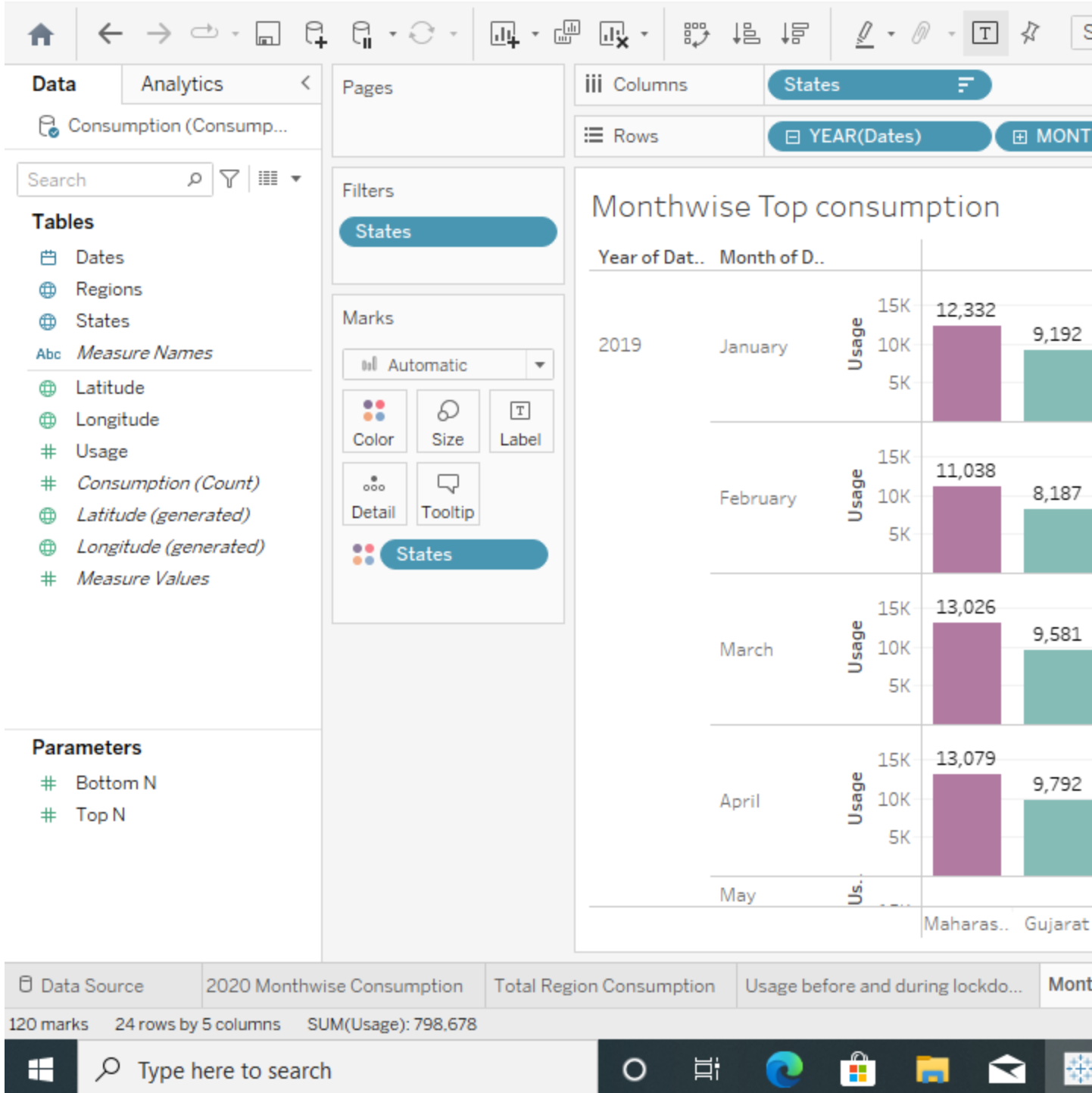
66 marks 33 rows by 2 columns SUM(Usage): 1,709,728

Windows search bar with icons for various applications.

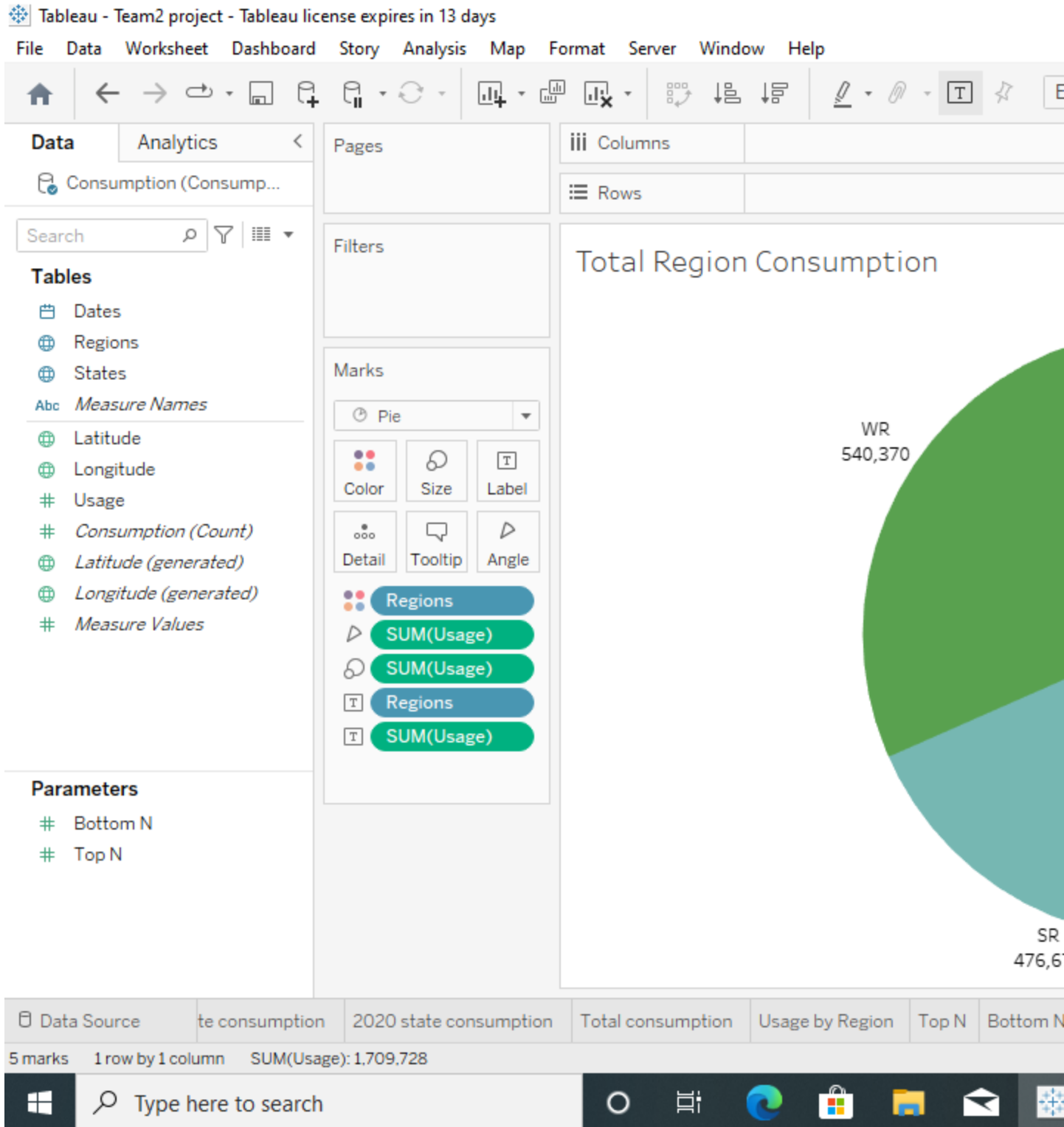
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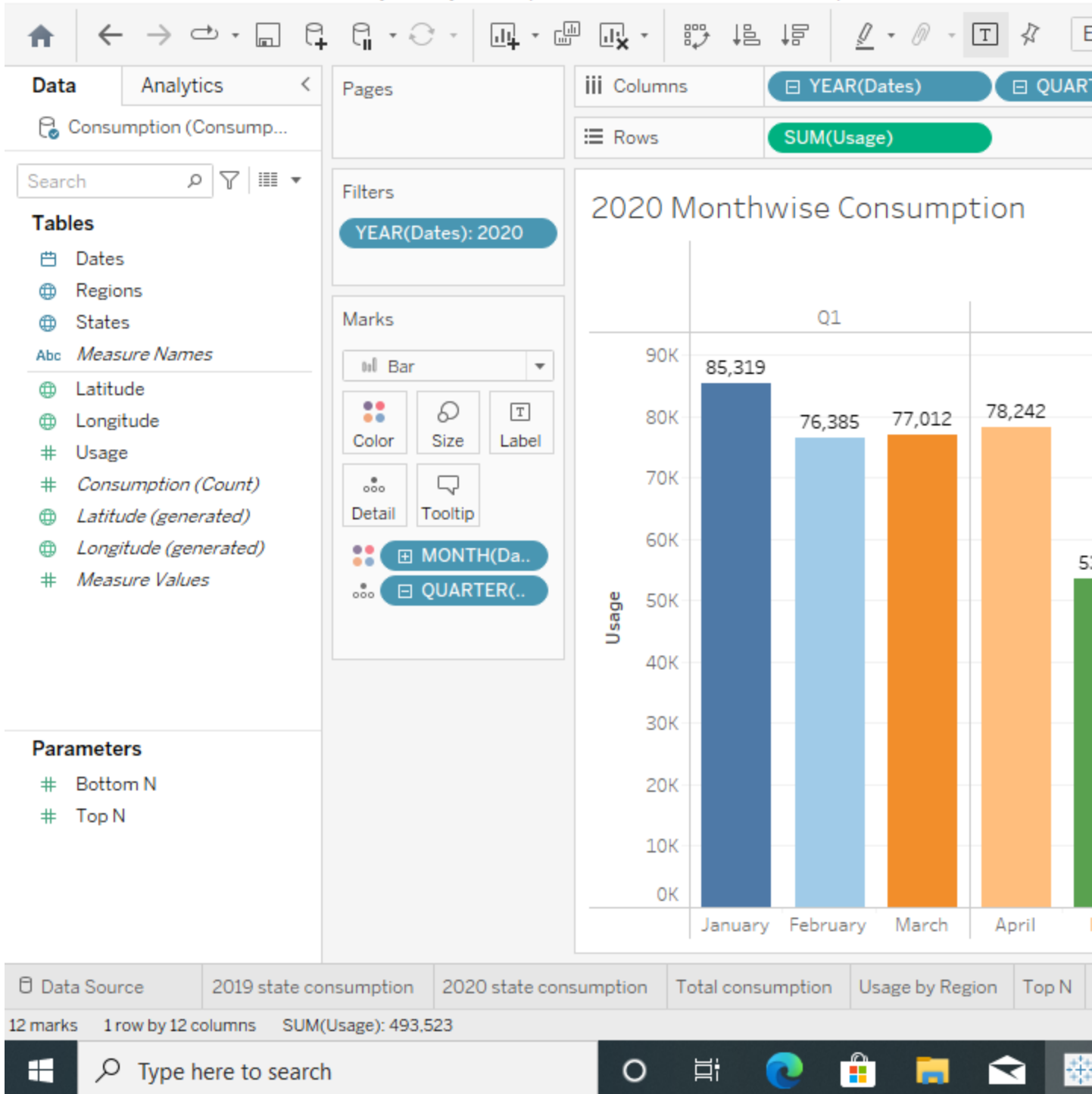




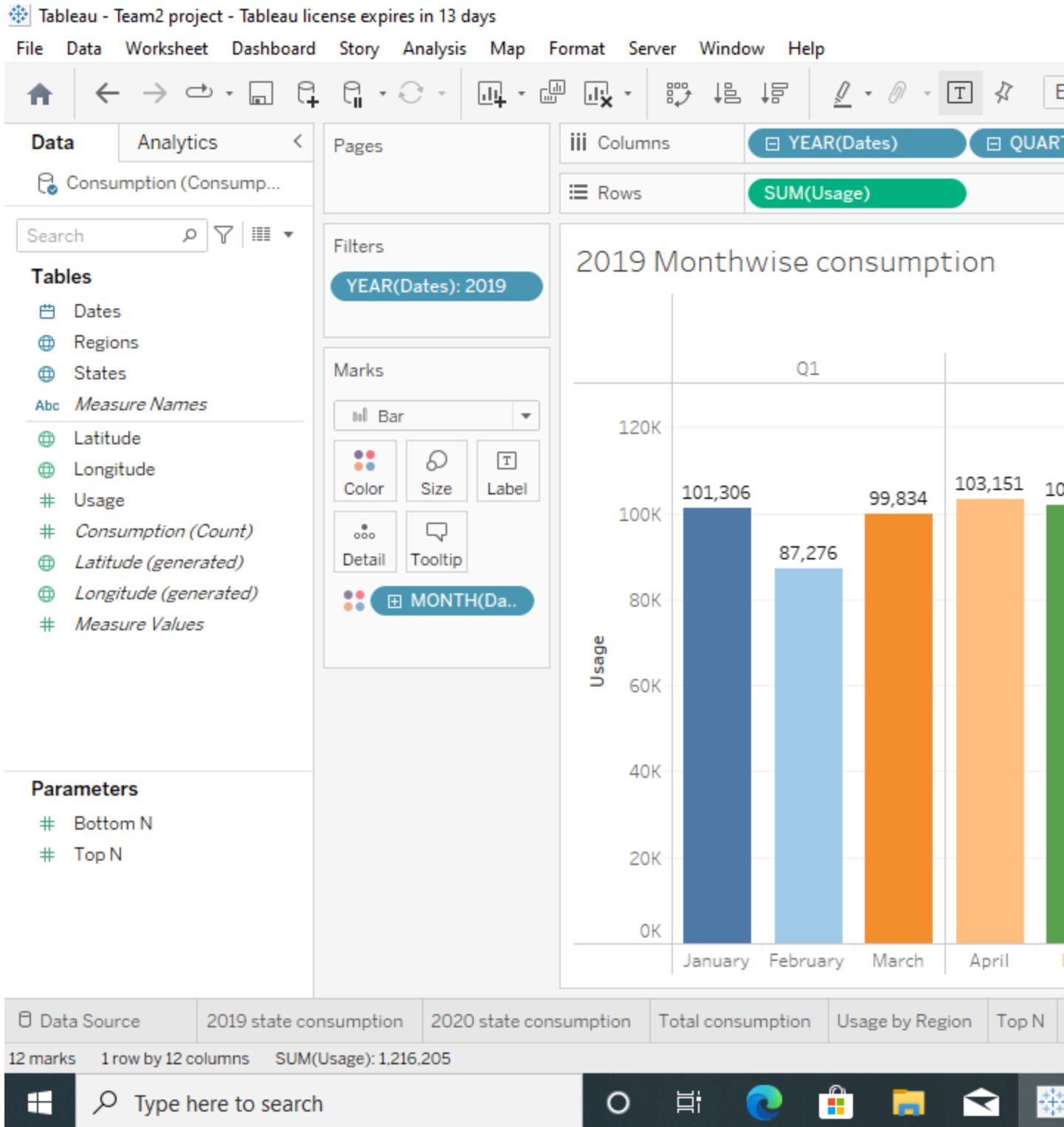
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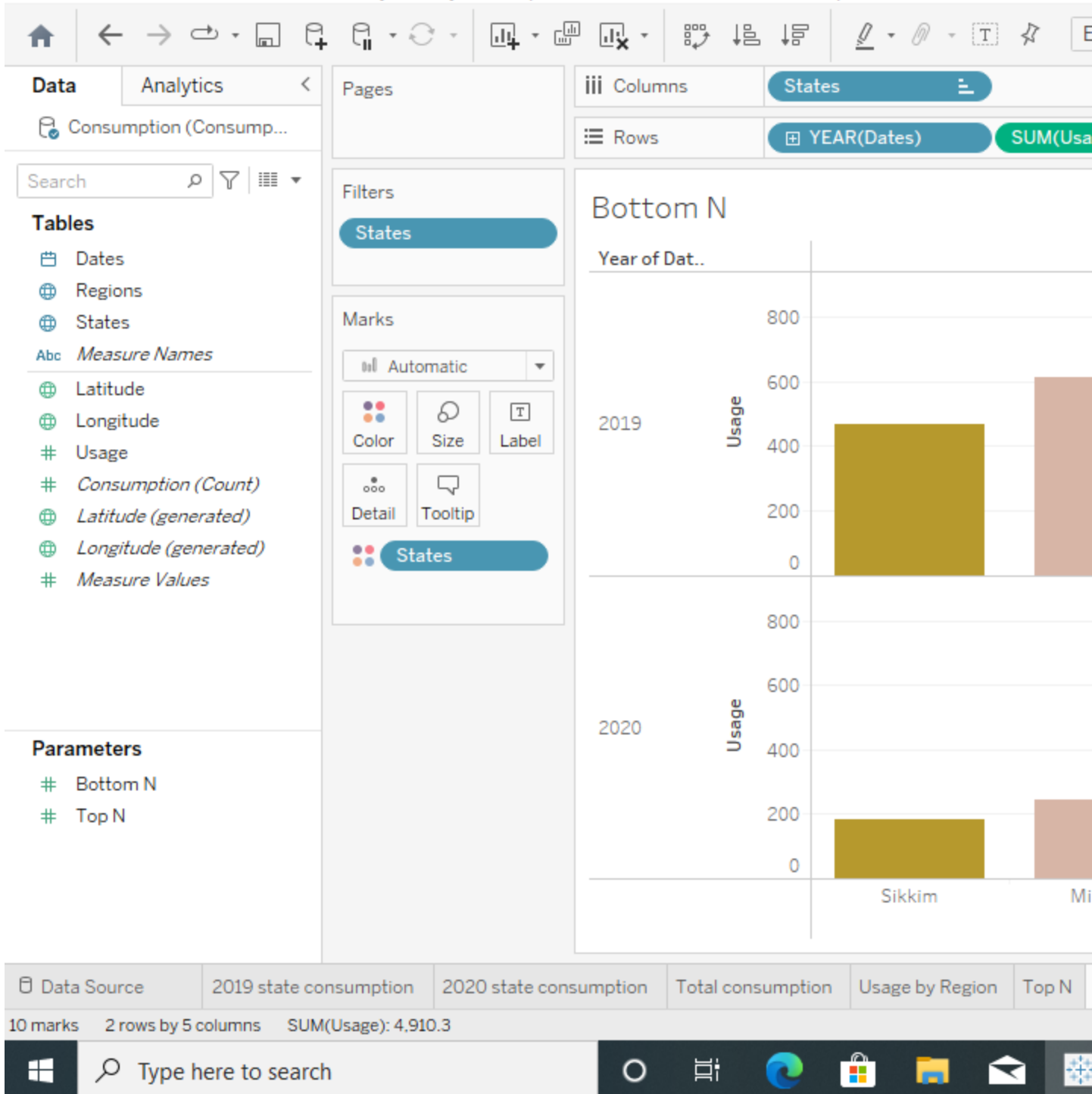
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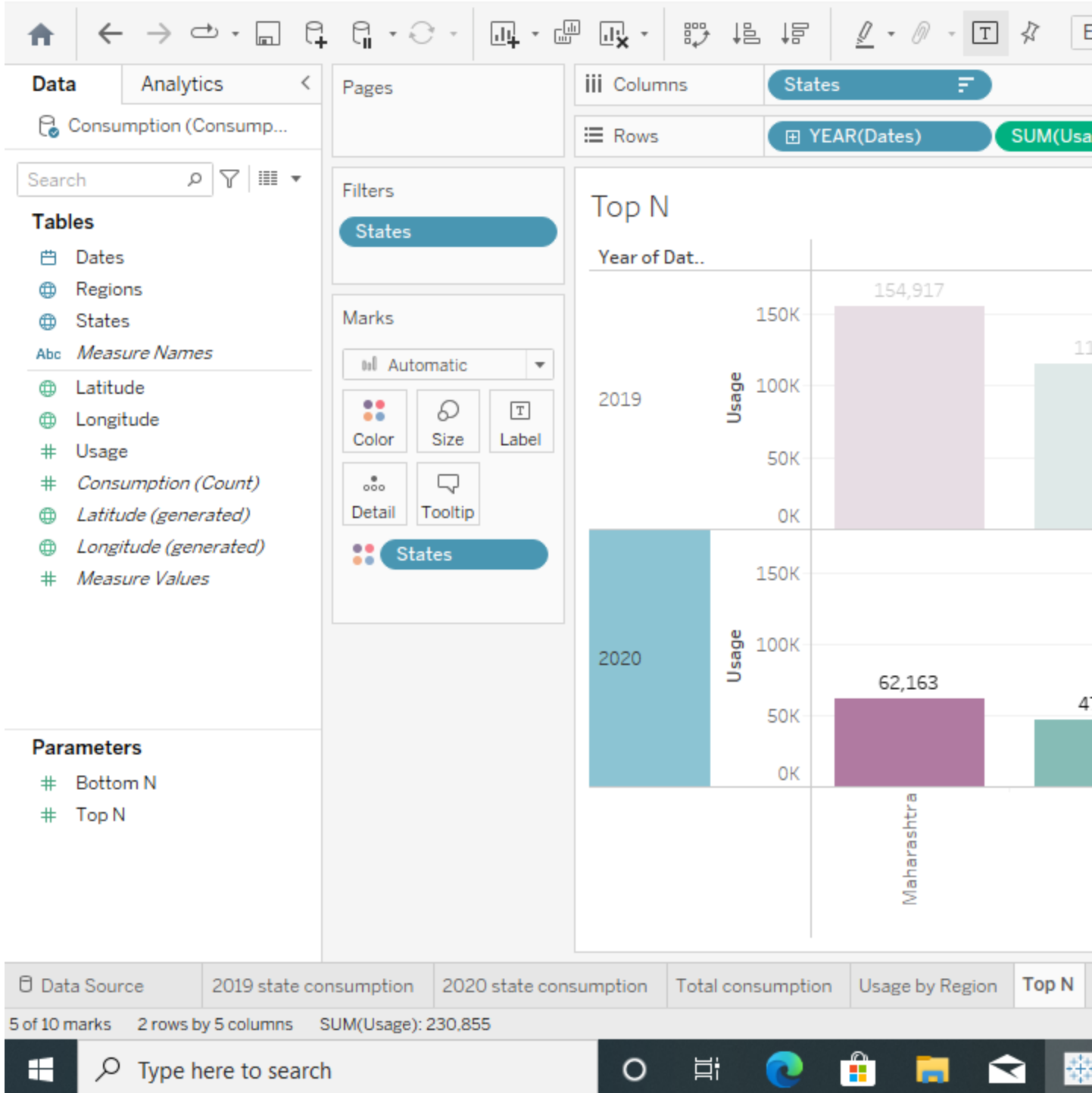
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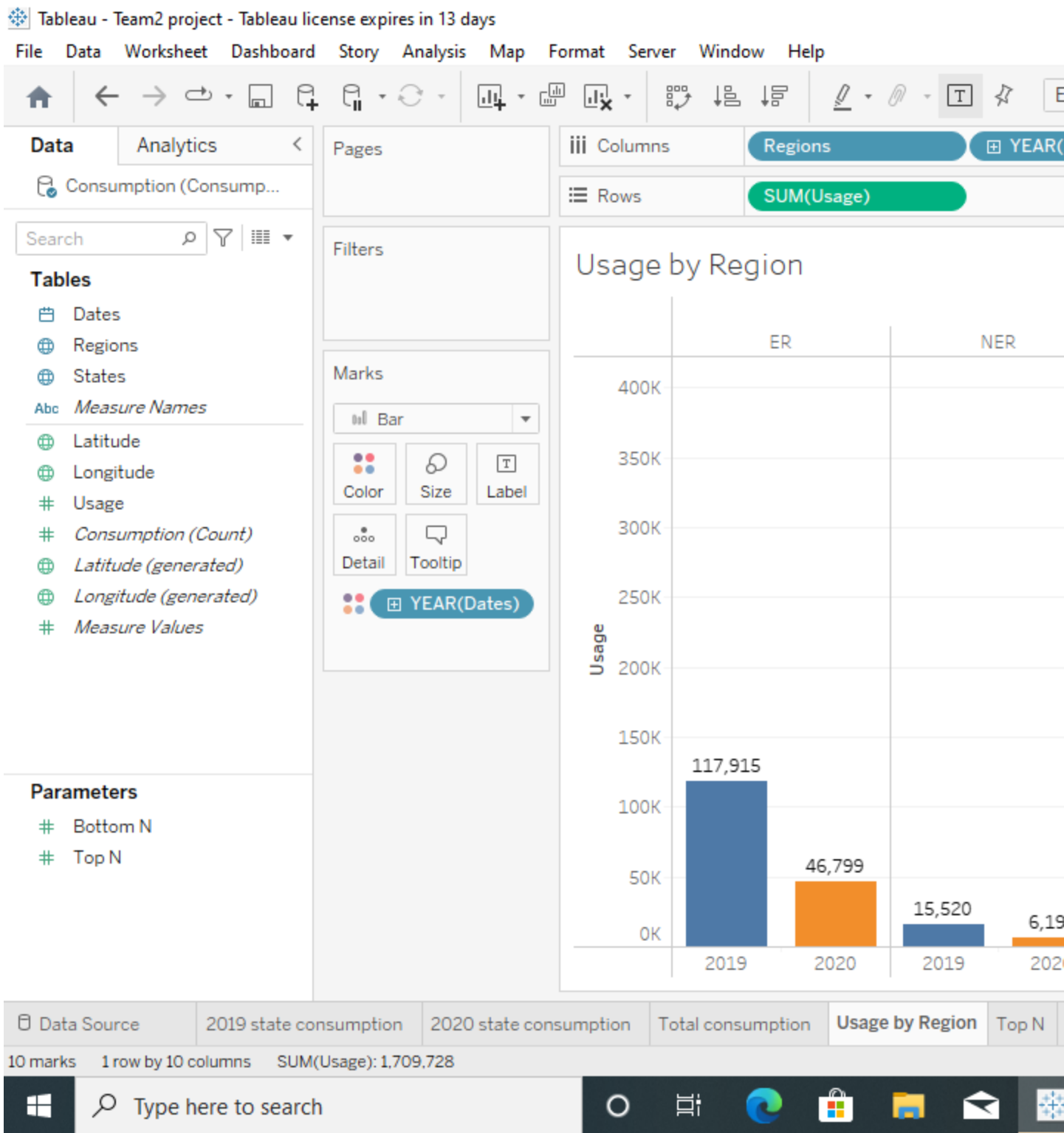
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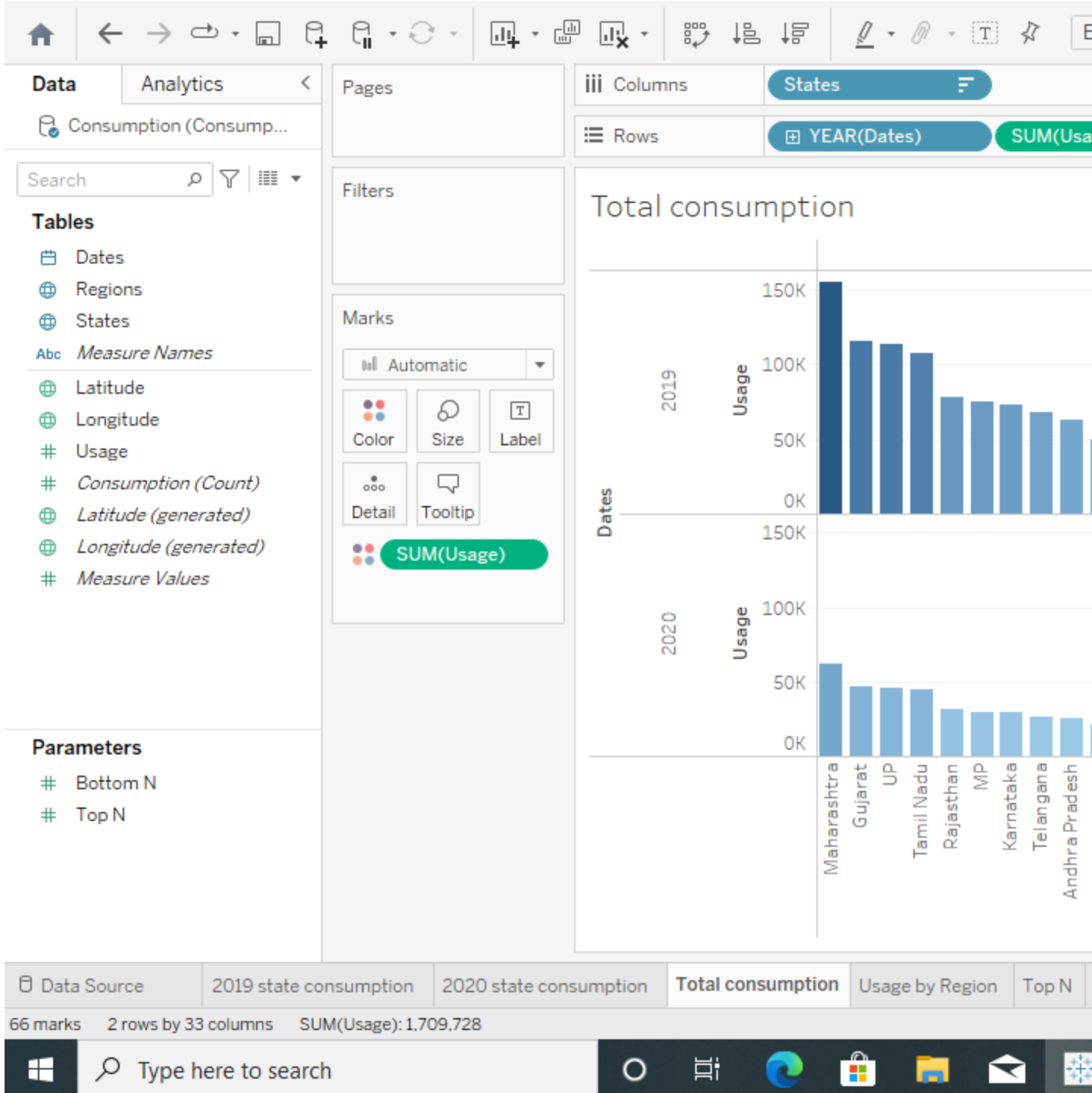
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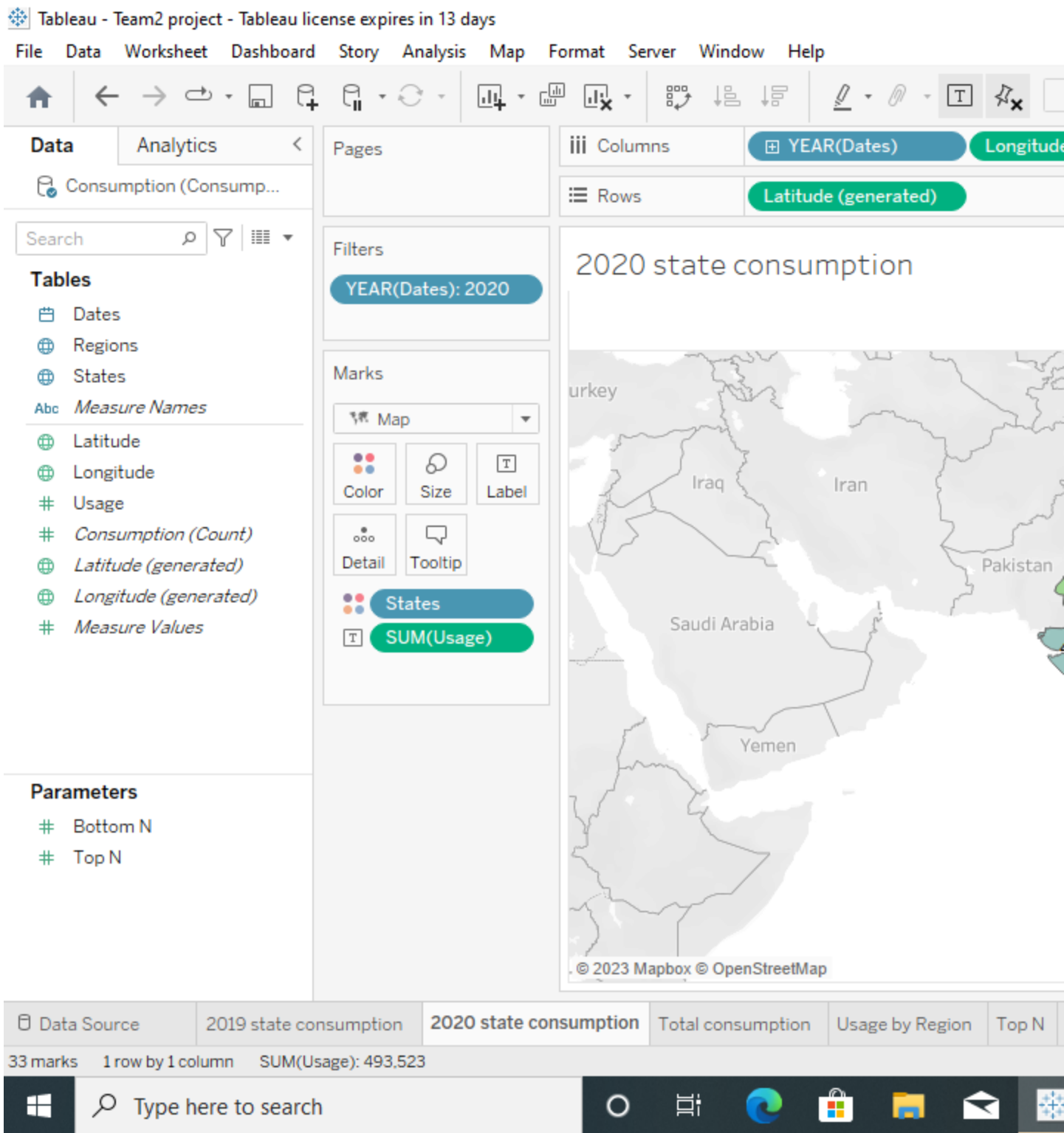
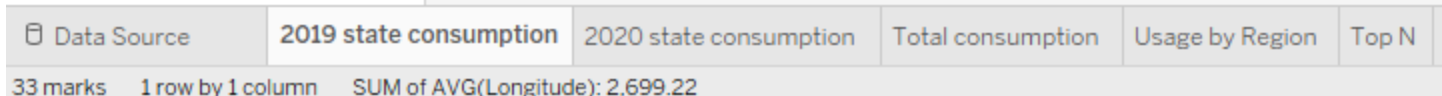
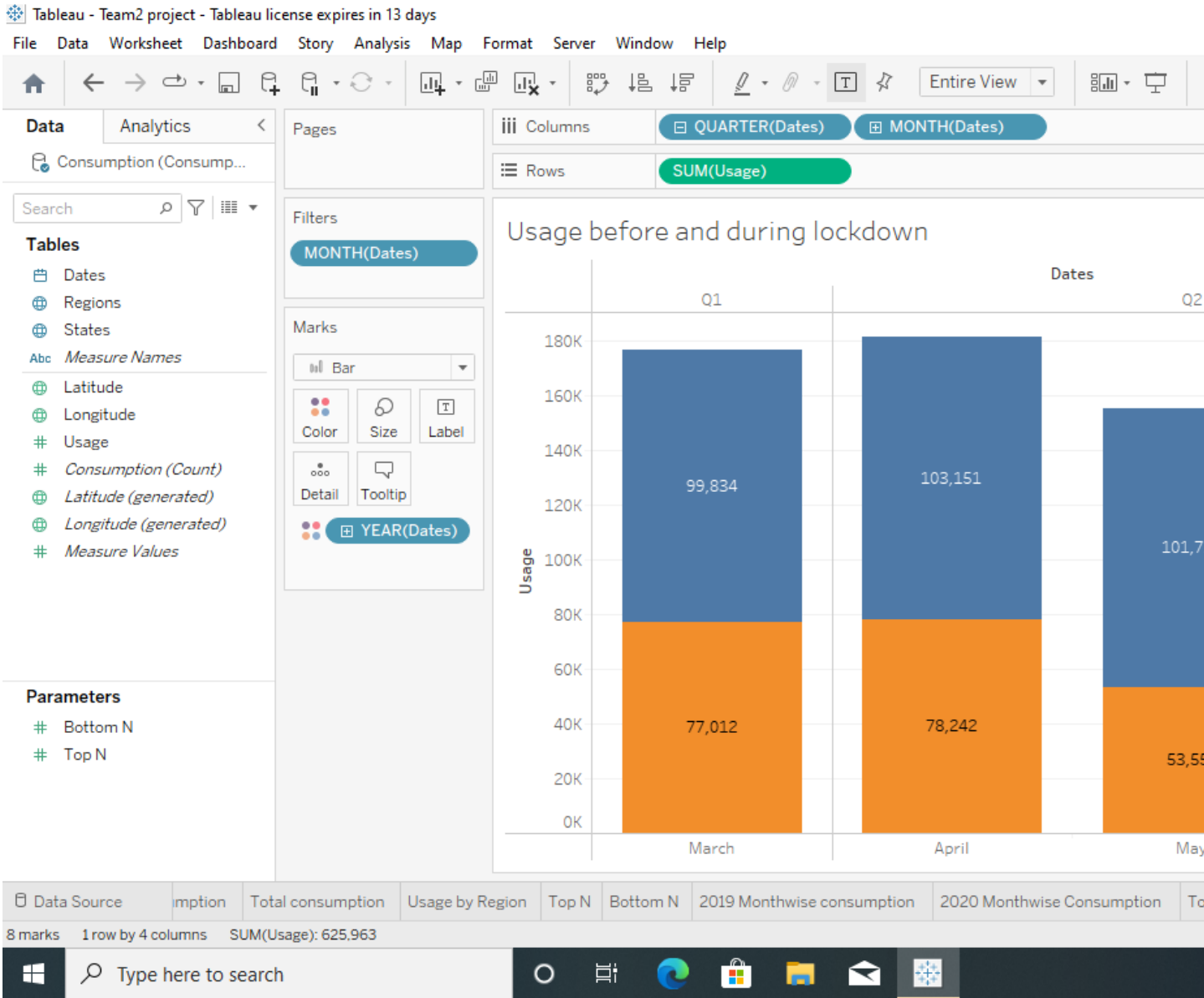


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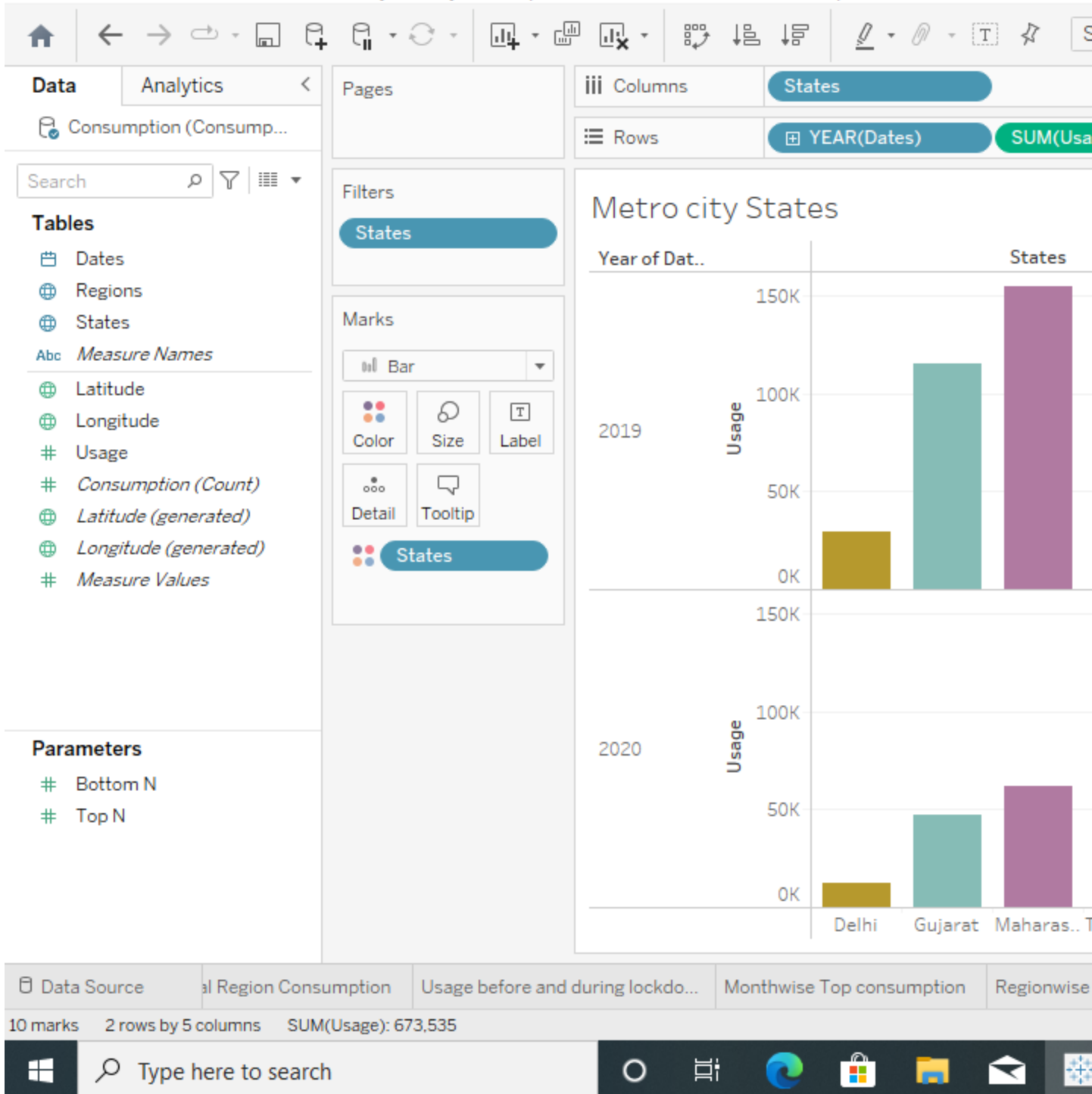
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### 4. Advantages & Disadvantages:

The energy consumption pattern and its sustainability influence the urban agglomerations and population growth in cities. Energy has doubled.

### 5.Application:

Lighting , heating , cooling and refrigeration and for operating appliances , computers , electronics machinery and public transportation systems.

### 6.Conclusion:

It is best option for calculating the performance of structure of the electricity production and we have seen that the energy mix varies tremendously from one region to another and from one state to another.

### 7.Future scope:

To modify the digital in electricity board.

### 8.Appendix:

[File:///C:/Users/Electricity/Patterns/Consumption/State consumption% 20the%20consumption%20 state \\_s%20Hidden%20consumption%20A%20comprehensive%20Analysis%20of%20pattern%20consumption%20pattern/index.html](File:///C:/Users/Electricity/Patterns/Consumption/State%20consumption%20the%20consumption%20state_%20Hidden%20consumption%20A%20comprehensive%20Analysis%20of%20pattern%20consumption%20pattern/index.html)