

**DATA LITERACY WITH TABLEAU**

**India\_Agriculture\_Crop\_Production**

**A**

**Project report**

**Submitted to**

**Alagappa University, Karaikudi**

**Through**



**Under**



**Submitted By**

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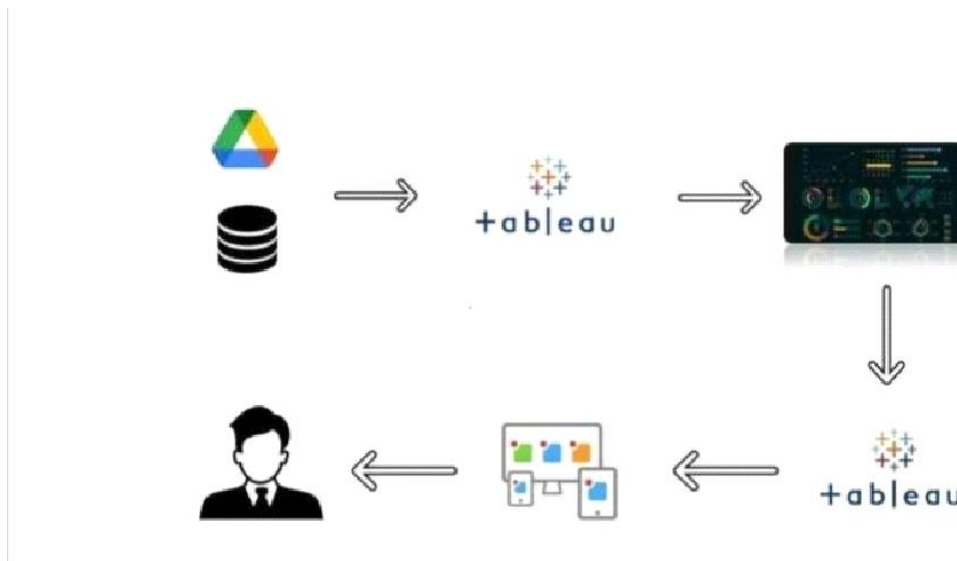
## 1.1 Overviews

Indian agricultural includes a mix of traditional to modern farming techniques in some parts of india traditional use of cattle of plough remains in use

## 1.2 Purpose;

India is a global agricultural power house its world largest producer of milk pulses and spices and has the world largest cattle herd buffaloes

### Project Architecture

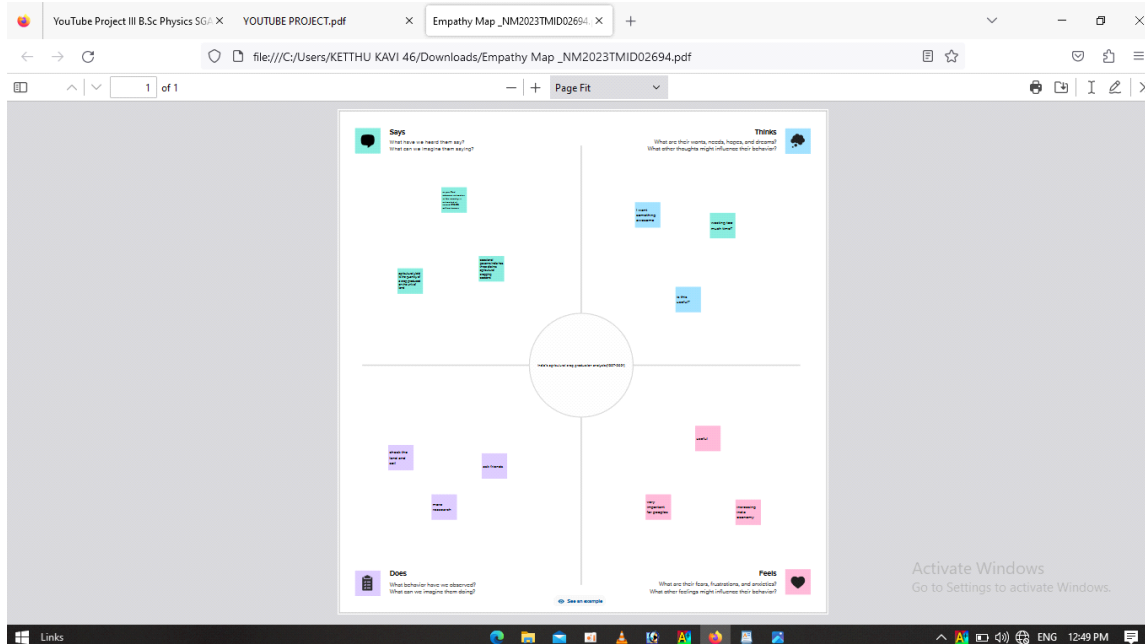


## 2. Problem Definition & Design Thinking

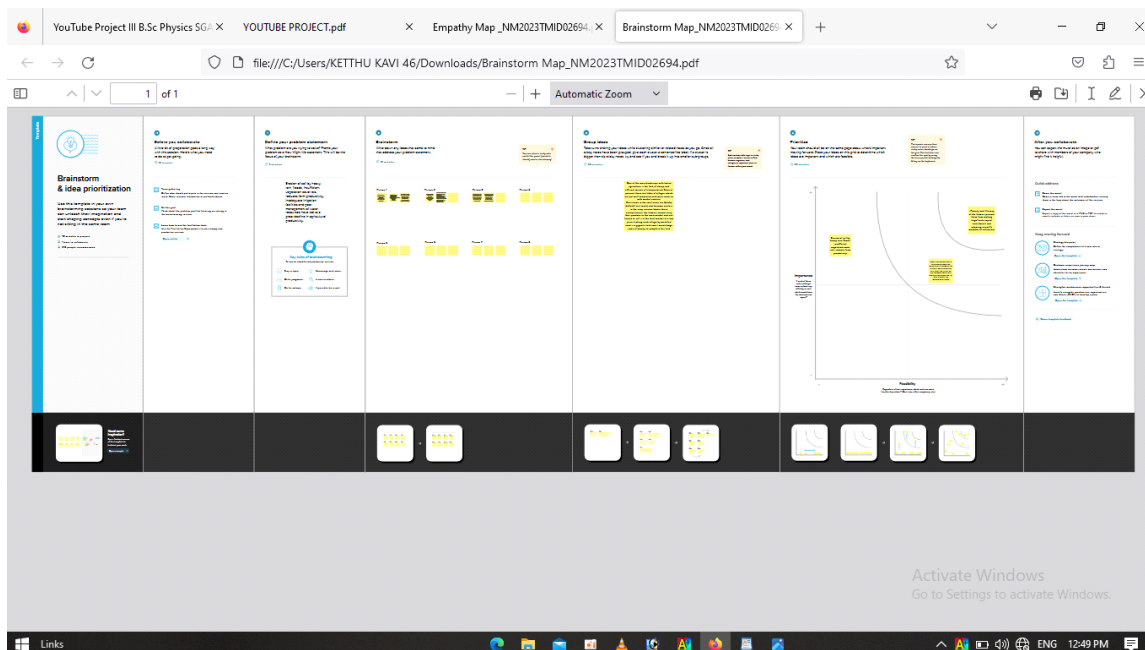
The team members ideas are grouped by Empathy Map and Ideation&Brainstorming Map Using app.mural.co

Here we done the following

- Defining the problem
- Problem understanding
- Specification of the business problem



Empathy map



Ideation and Brainstorming Map

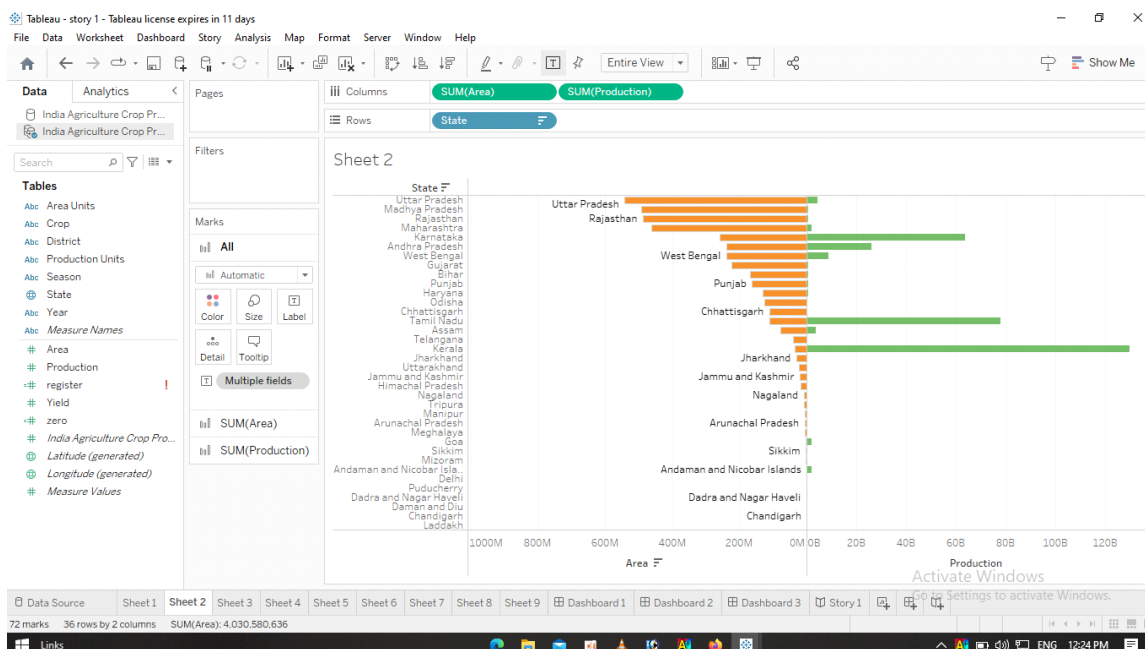
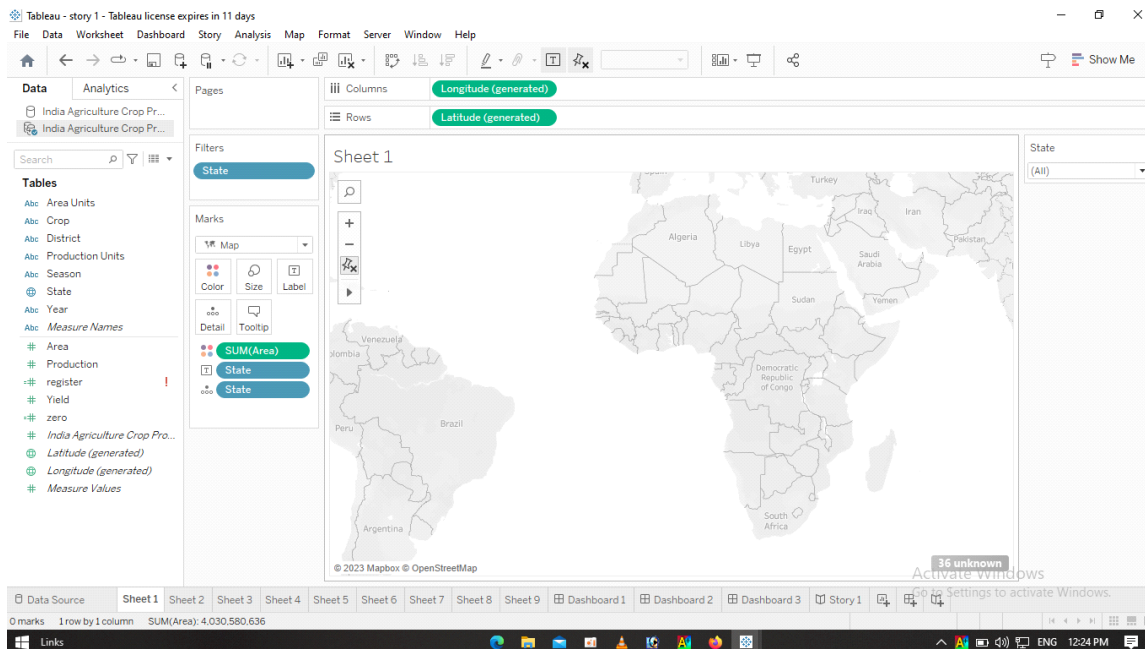
### 3.Result

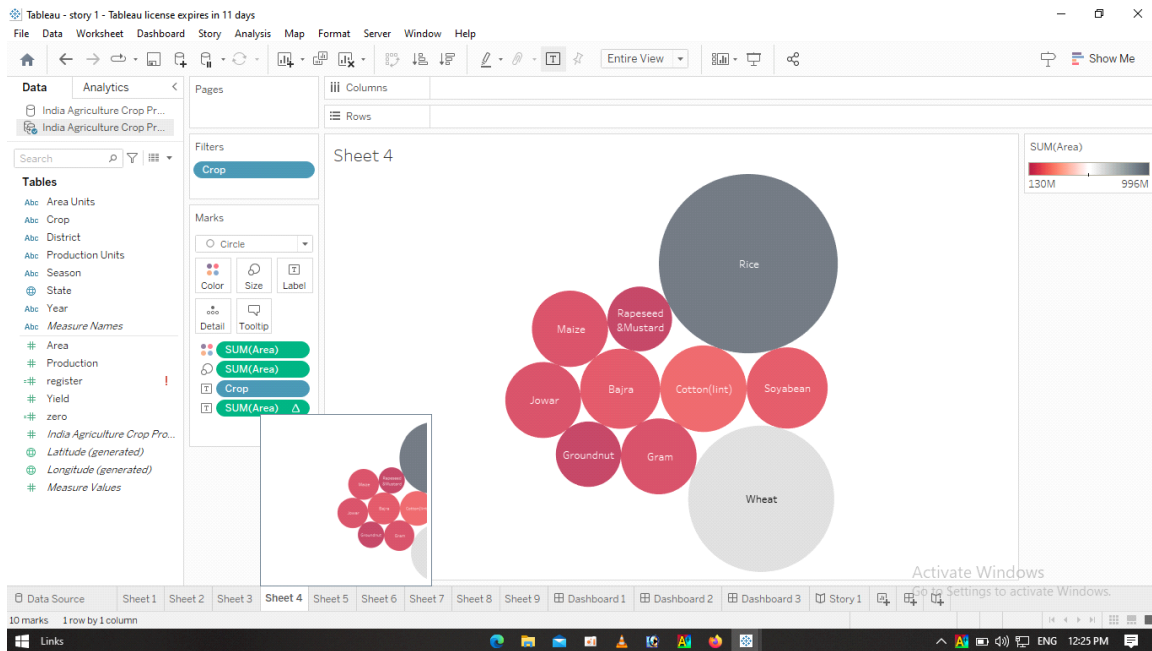
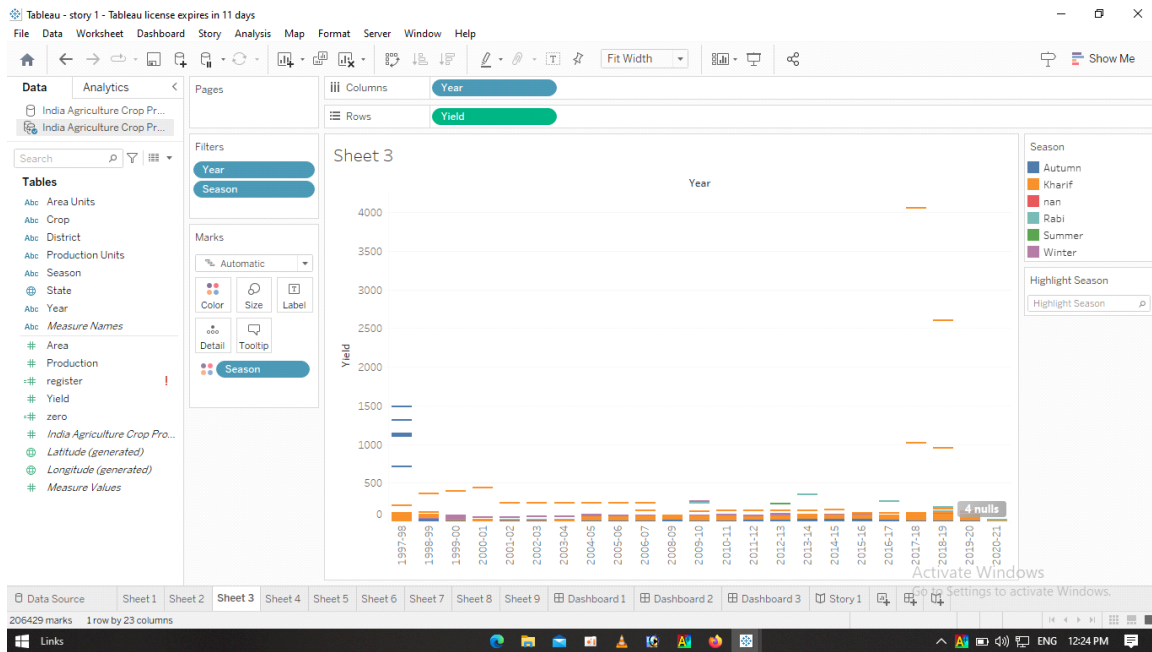
One of the main advantages of Tableau is its easy to use. We

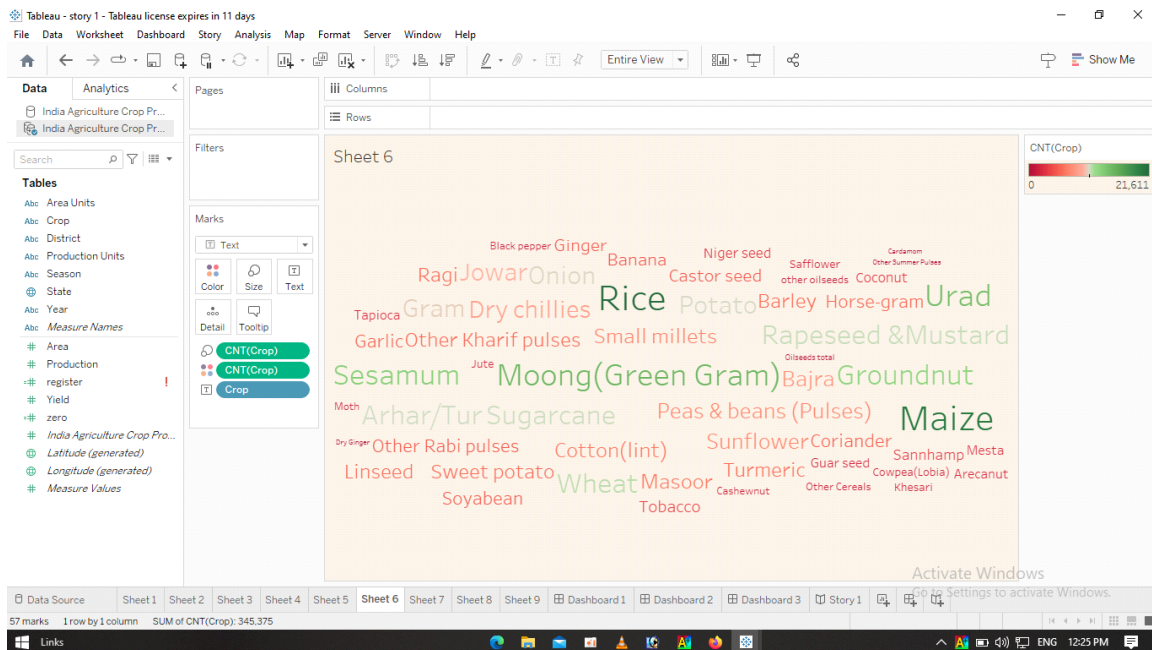
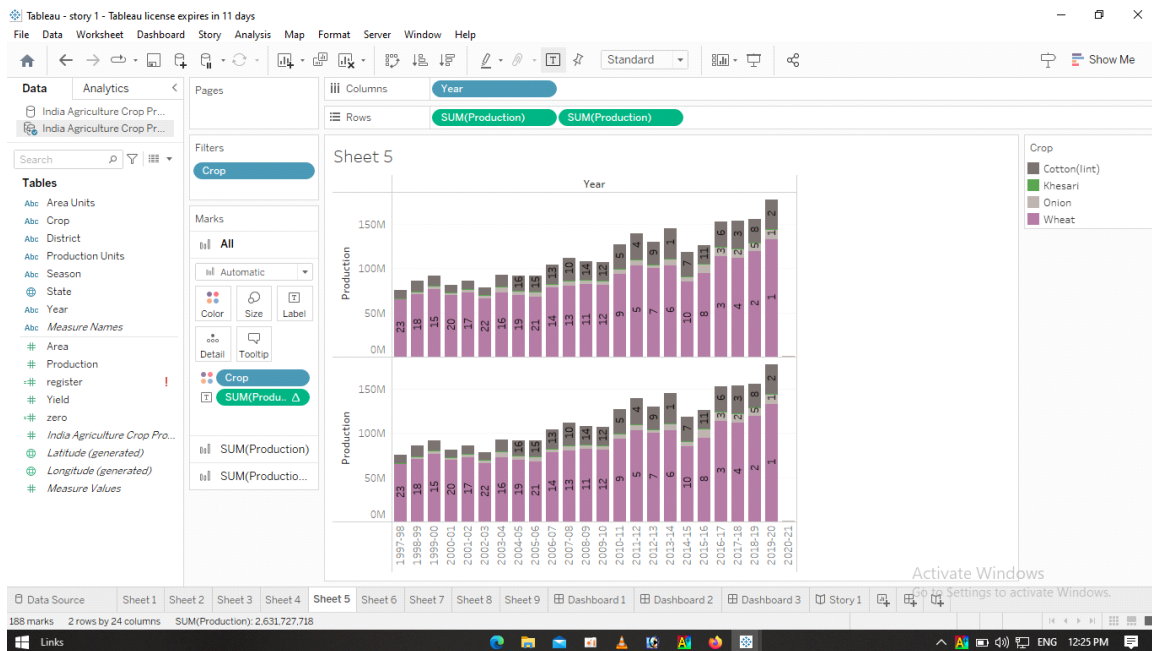
don't need to have any coding or programming skills to create stunning and informative dashboards, charts, maps, and stories with Tableau. You can simply drag and drop data sources, fields, filters, and visual elements to customize your views and analysis. Once you have created views on different sheets in Tableau, you can pull them into a dashboard.

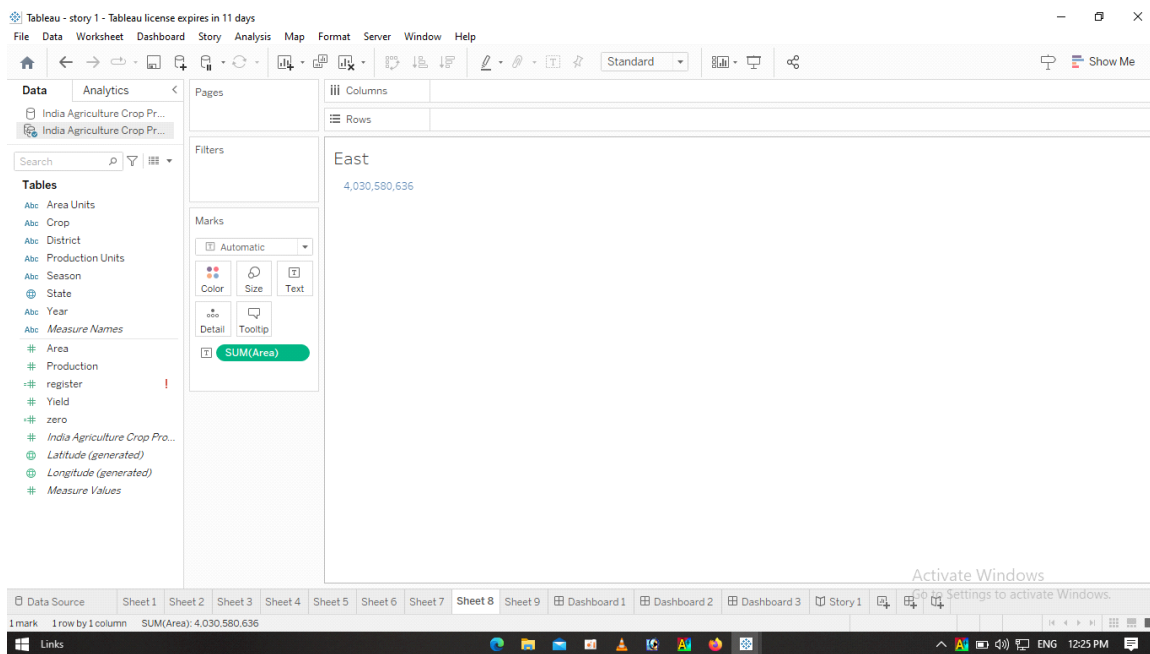
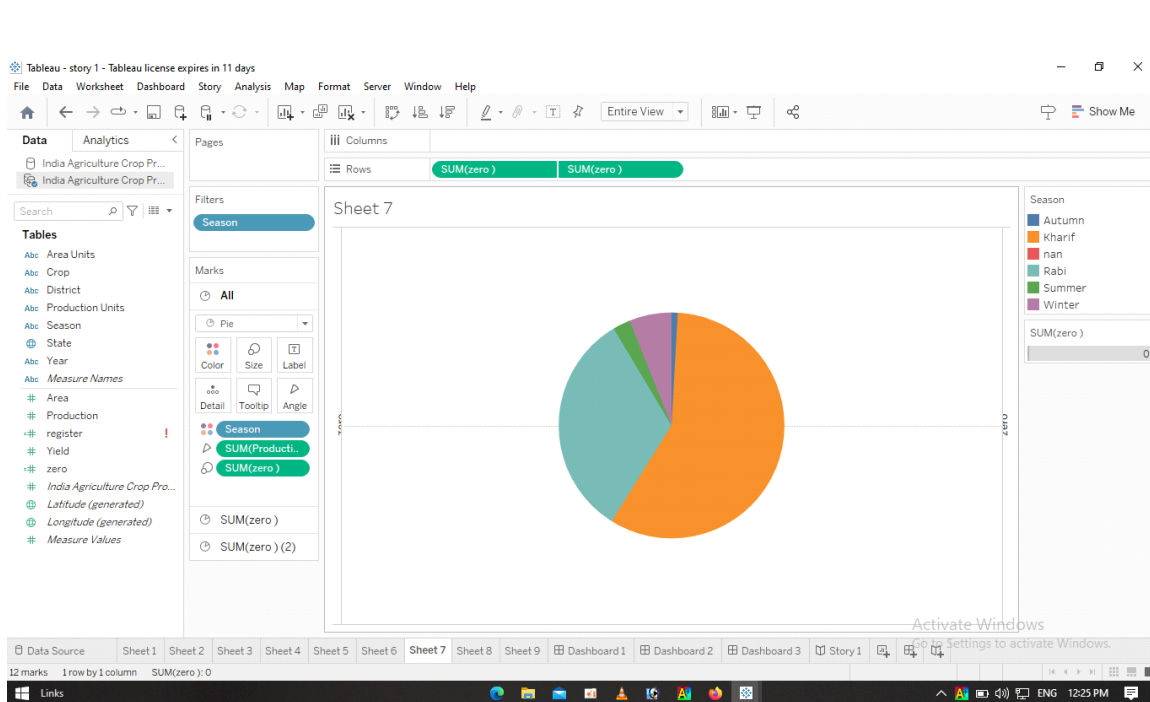
These are screenshots of our project work

## 1 ) Screenshots of Sheets





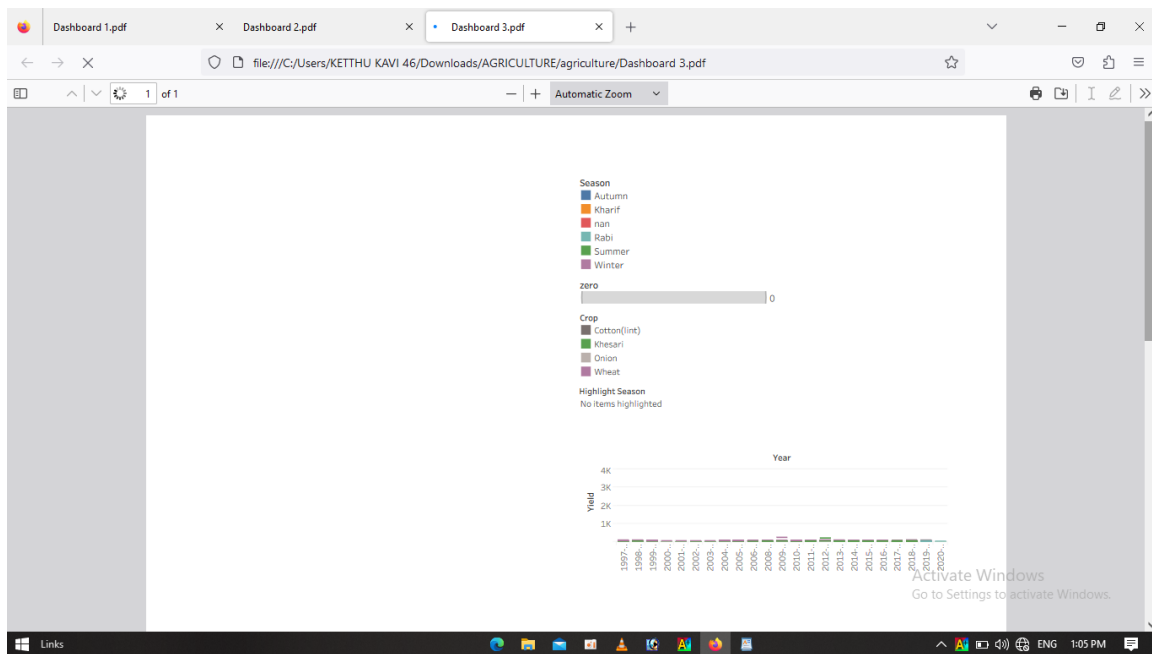
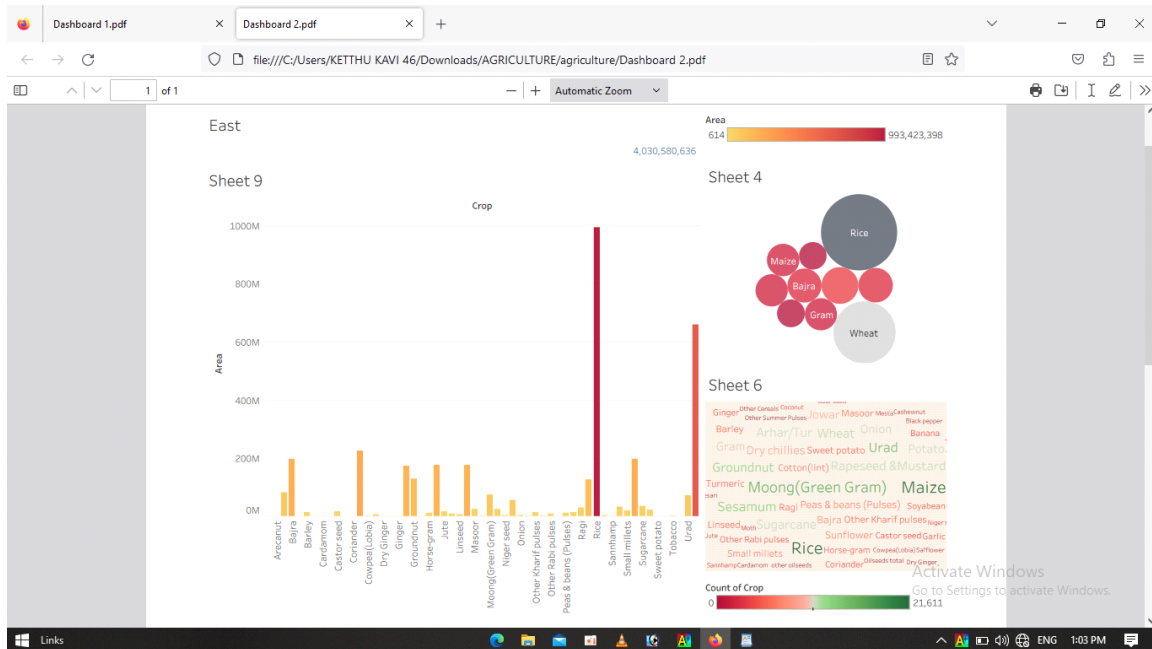




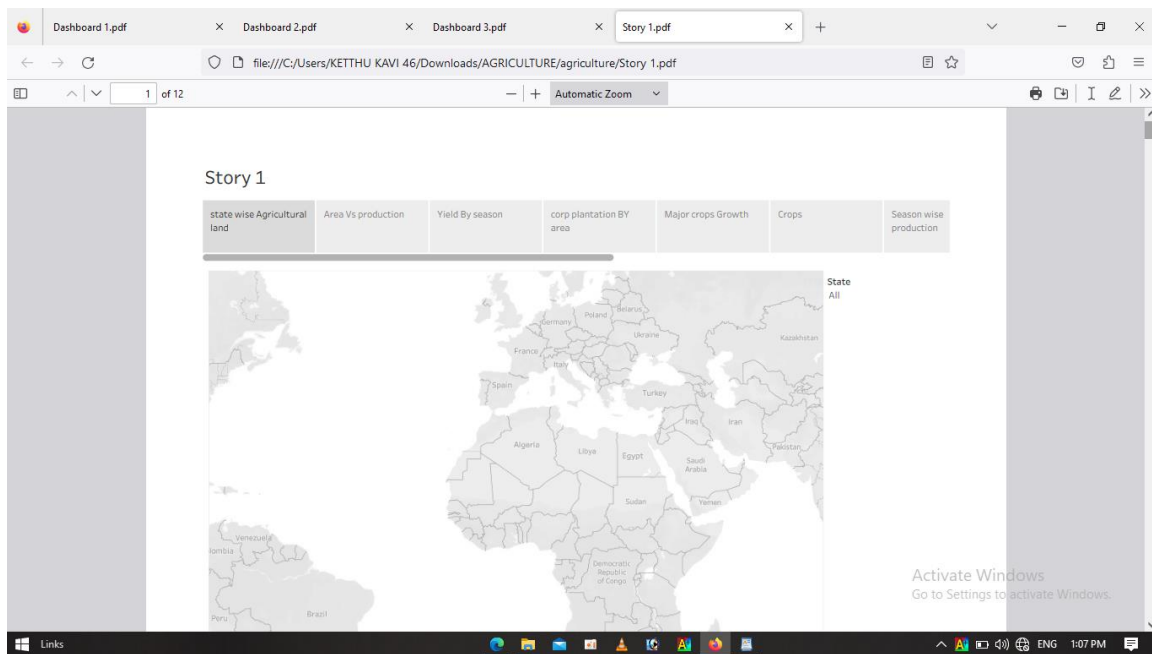
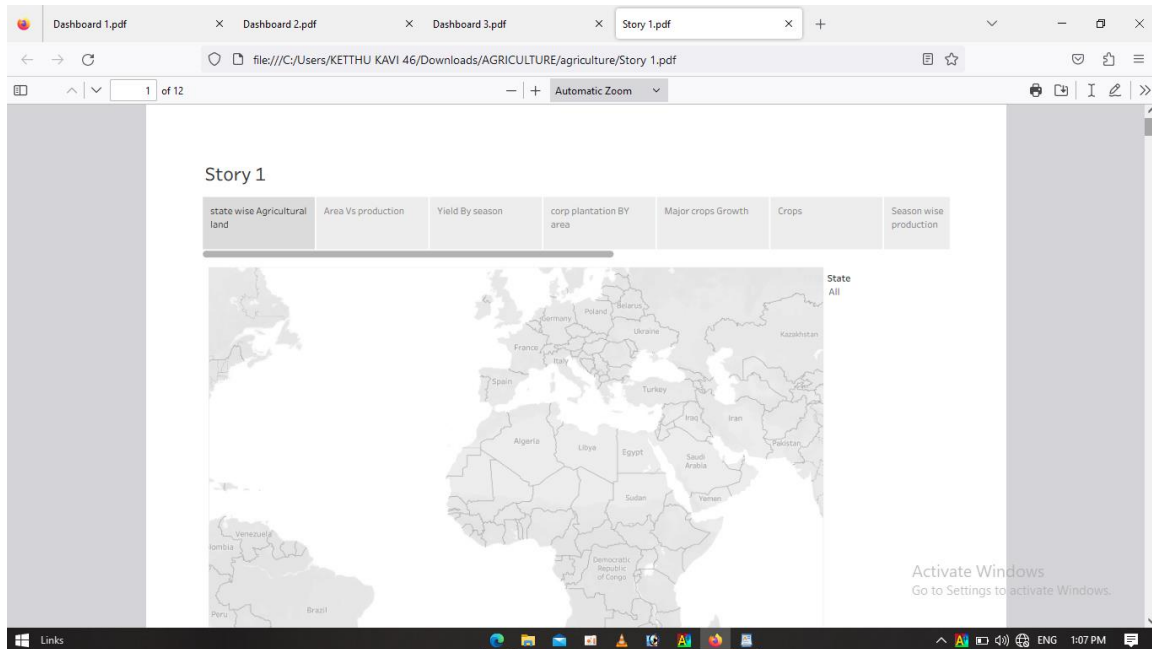








### III) Screenshots of Stories



#### 4. ADVANTAGES & DISADVANTAGES

##### ADVANTAGES

1. It provides food for human beings and animals<sup>14</sup>.
2. It increases food security and improves nutrition<sup>1</sup>.
3. It increases incomes for farmers and supports livelihoods for rural communities<sup>125</sup>.

4. It creates employment opportunities and builds strong economies through trade<sup>25</sup>.
5. It provides raw materials for food and other products<sup>2</sup>.

#### **DISADVANTAGES**

1. High cost of maintenance
2. Loss of soil fertility
3. Damage of soil structure
4. Machine complexity
5. Unemployment

#### **5.CONCLUSION**

**Conclusion** In most countries, agriculture is an important source of livelihood. This entails hard work, but it contributes to the nation's food safety and health. Agriculture was the sole backbone of the economy prior to the industrial revolution. It is the most reliable source of life for humanity, as well as one of the honest sources of income.