

India's Agricultural Crop Production Analysis(1997-2021)

1) Introduction

1.1) Overview:

This report delves into the captivating realm of India's agricultural cultivation, providing a comprehensive visual exploration of key aspects and trends in the agricultural sector. Through the visual representations, readers can gain valuable insights into crop production, seasonal variations, regional distribution, and overall production trends. These visualizations enable intuitive analysis, allowing stakeholders to uncover patterns, identify areas of growth or concern, and make data-driven decisions.

By harnessing the power of Tableau, this report not only presents the data in a visually appealing manner but also provides an interactive experience for readers to explore the intricacies of India's agricultural cultivation. To Extract the Insights from the data and put the data in the form of visualizations, Dashboards and Story we employed Tableau tool.

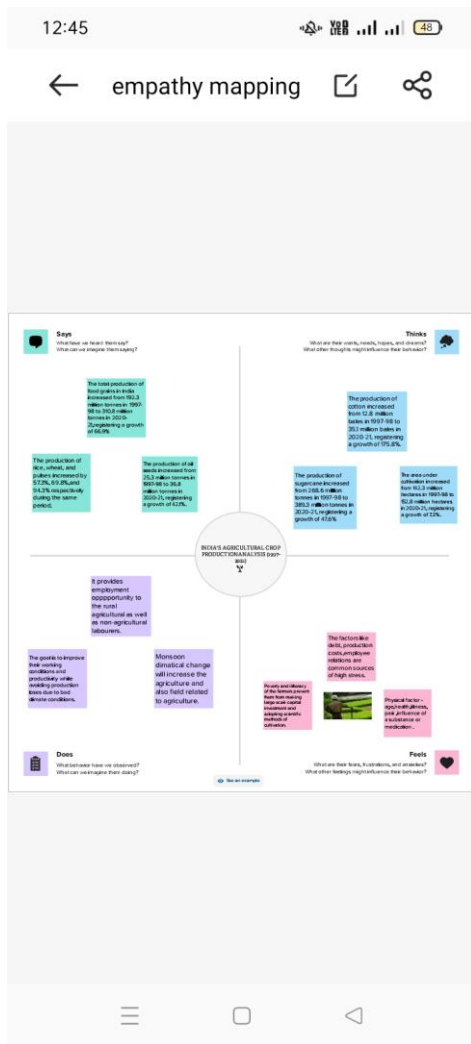
1.2) PURPOSE:

India's foodgrains production touched a record 315.7 million tonnes in 2021-22 despite climate change challenges says the Economic Survey 2022-23 tabled in the Parliament by the Union Minister of Finance and Corporate Affairs Smt. Nirmala Sitharaman here today.

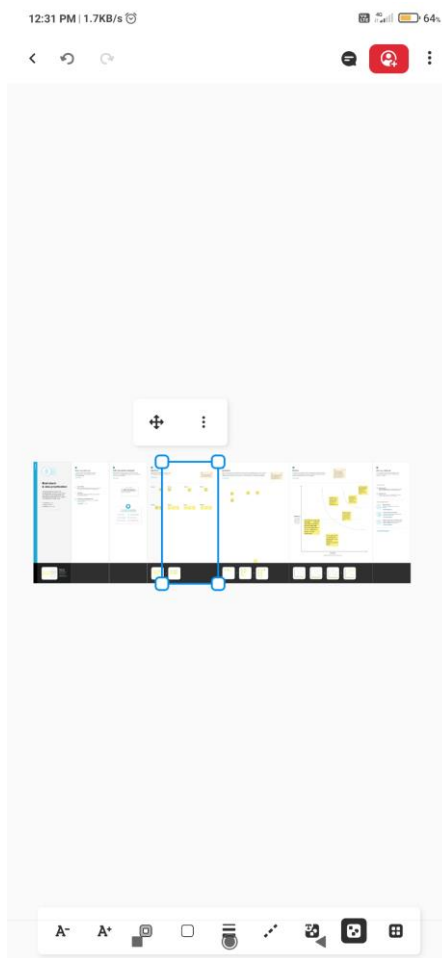
2.)PROBLEM STATEMENT AND DESIGN THINGING:

The primary business requirements for this report are to visualize and analyze business expenses, provide industry-specific insights, identify cost drivers, highlight outliers, and offer interactive functionality. Stakeholders need a visual representation of expenses to compare and analyze spending patterns across different businesses and industries. The report should facilitate the identification of key cost drivers, enabling stakeholders to understand the primary factors contributing to expenses. Additionally, it should flag any outliers or anomalies for further investigation. The report should provide a user-friendly and intuitive experience that empowers stakeholders to make data-driven decisions and drive positive change in the agricultural sector.

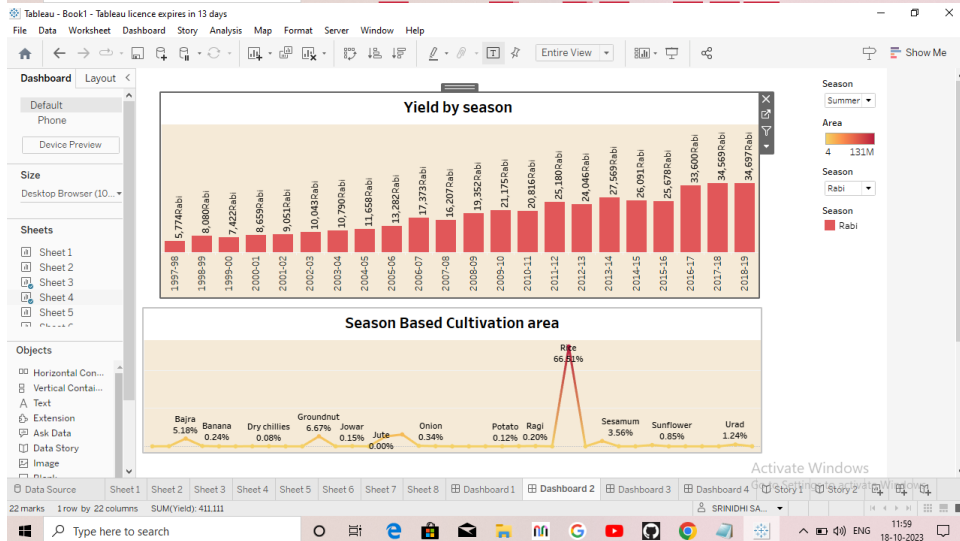
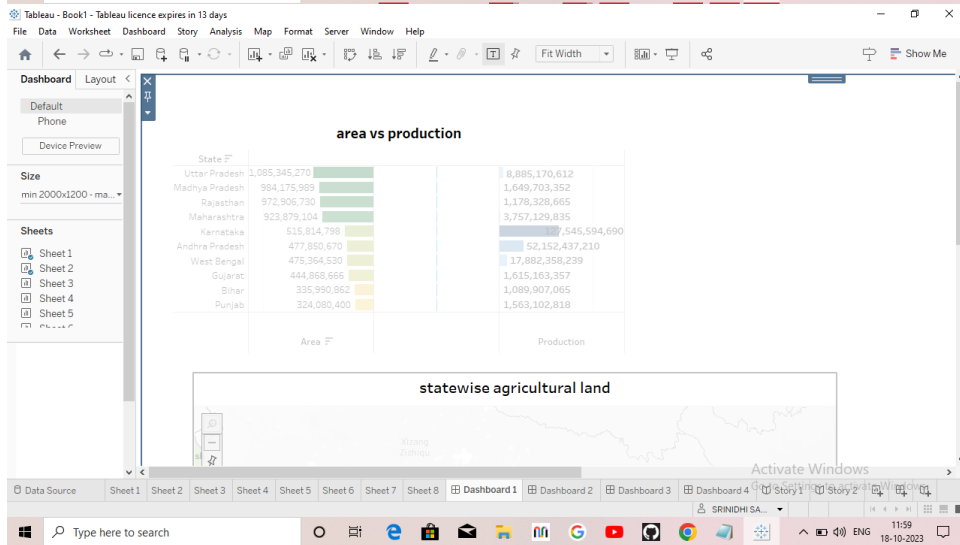
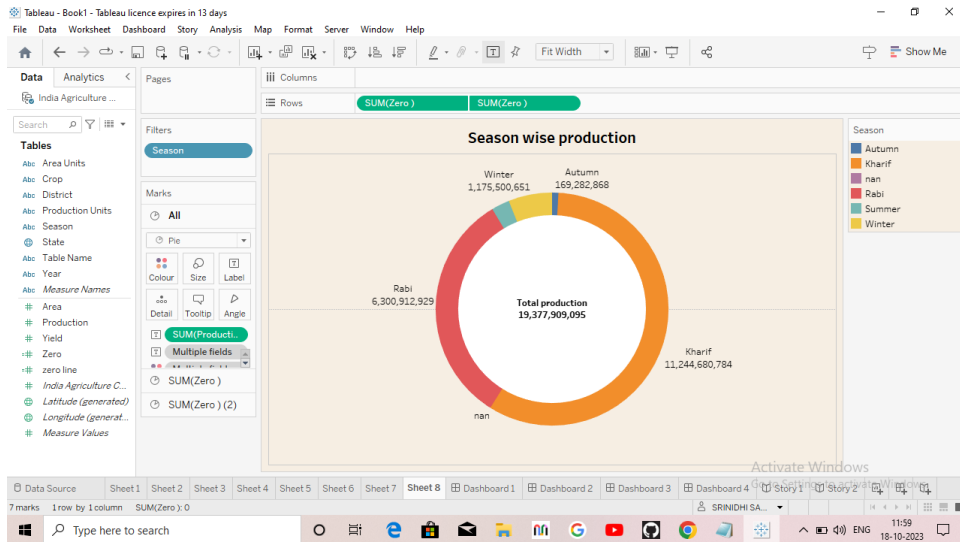
2.1) EMPATHY MAP:

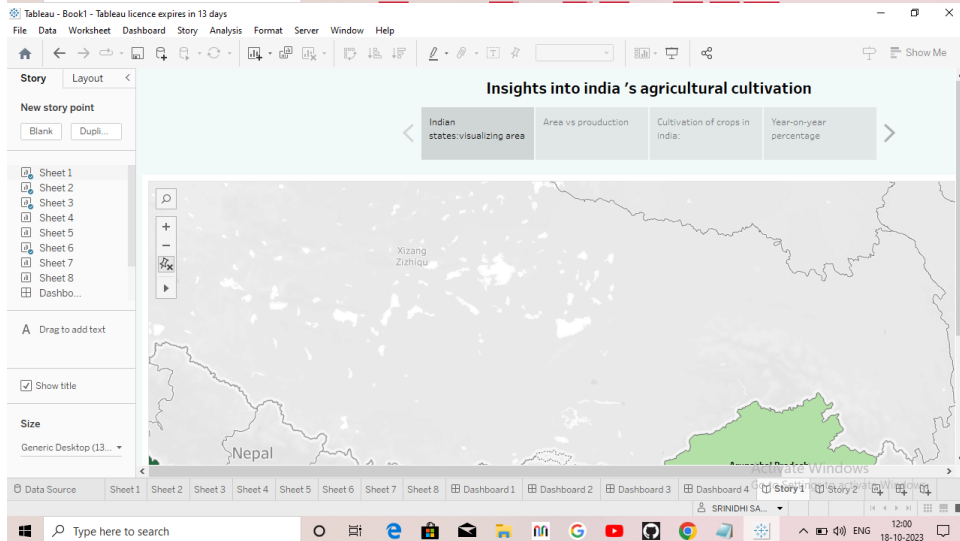
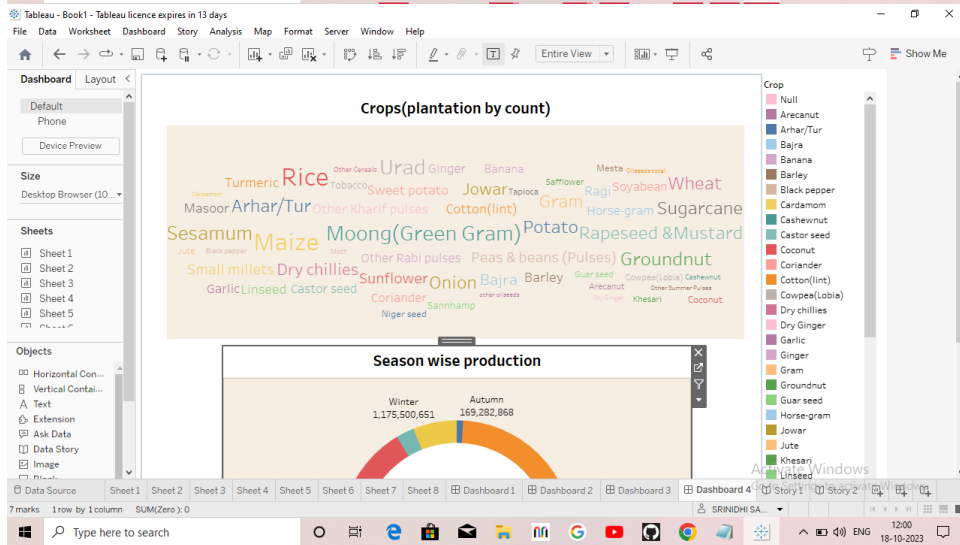
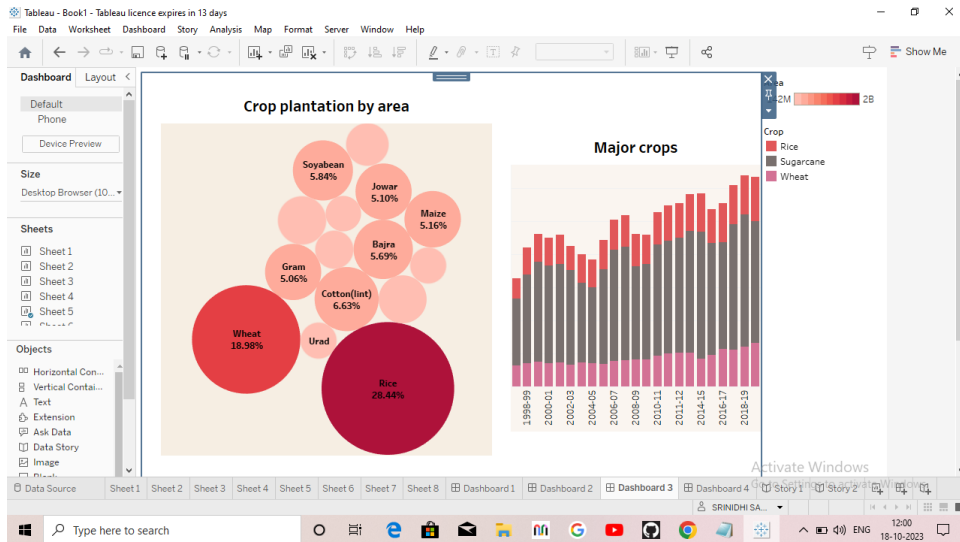


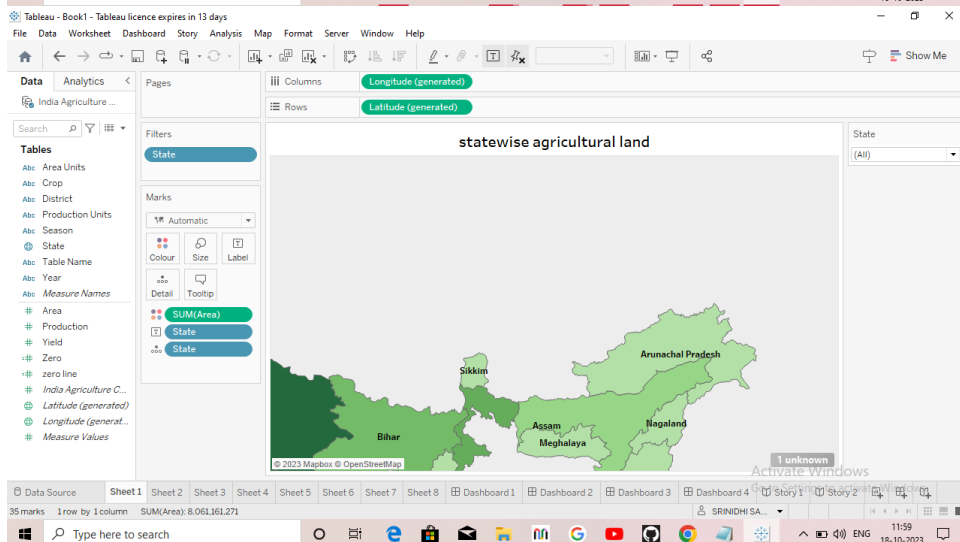
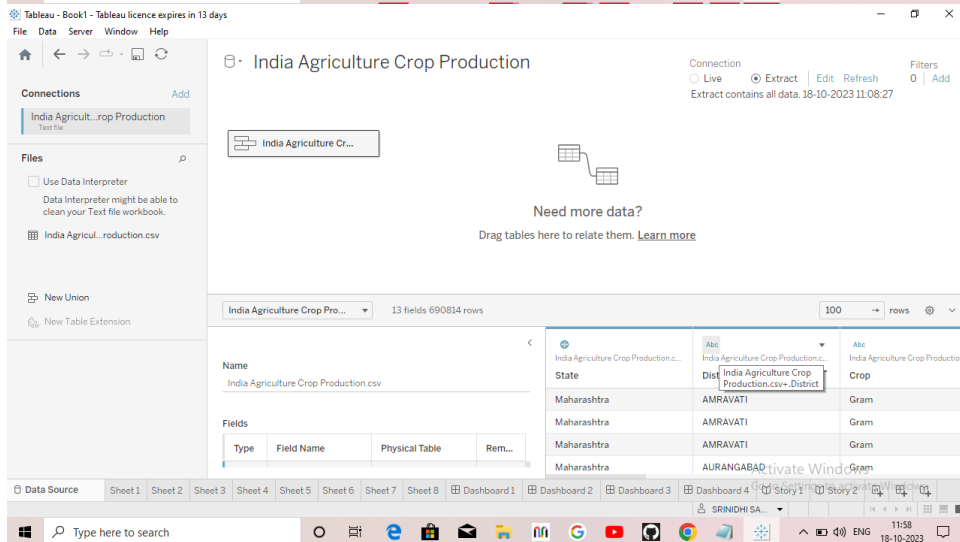
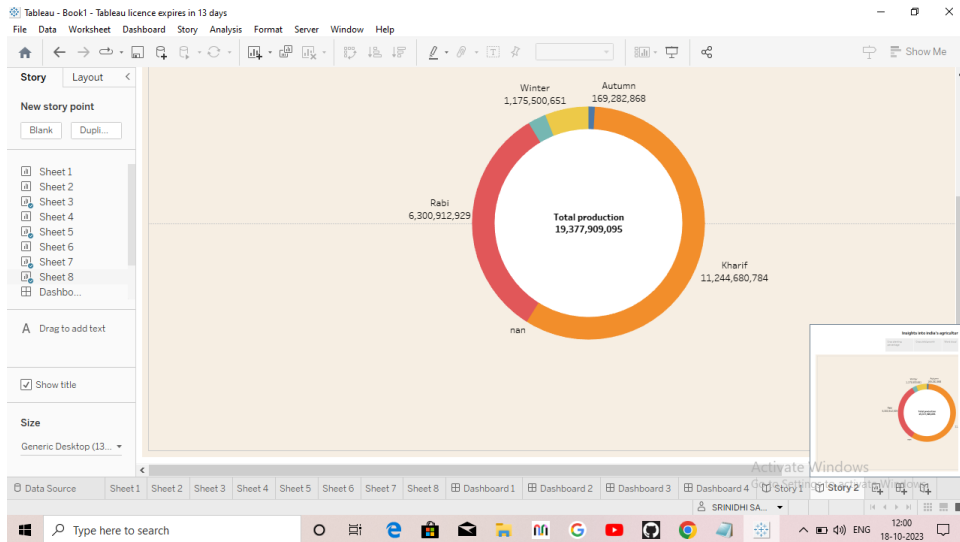
2.2 IDEATION AND BRAINSTORMING MAP:

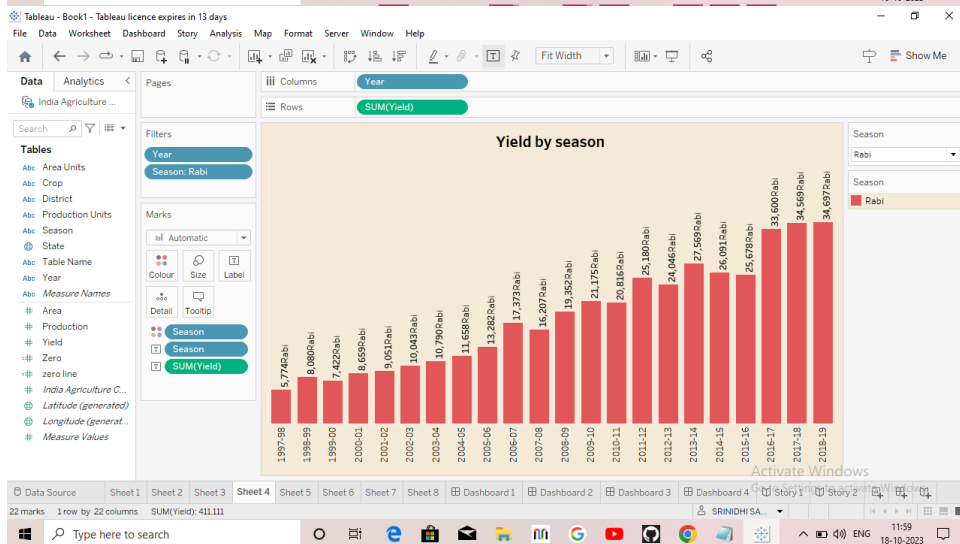
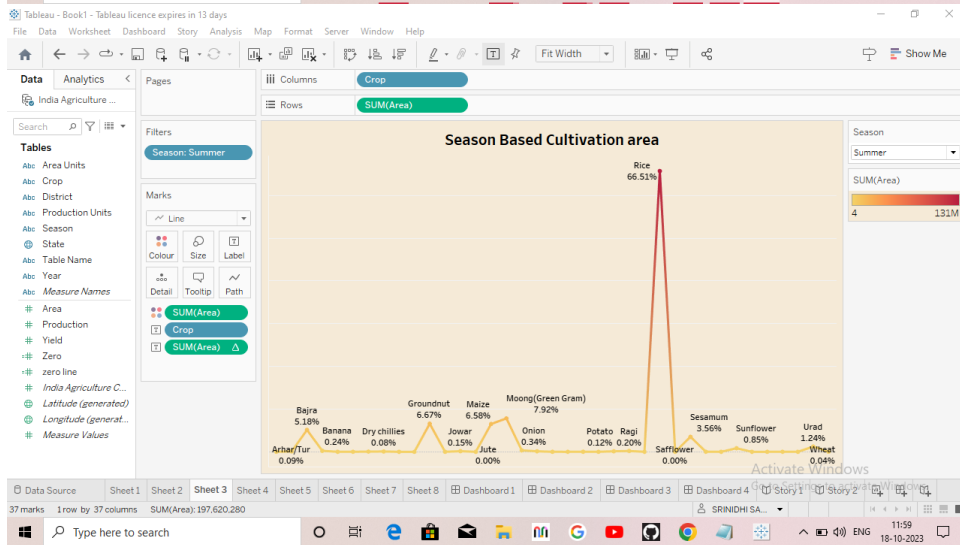
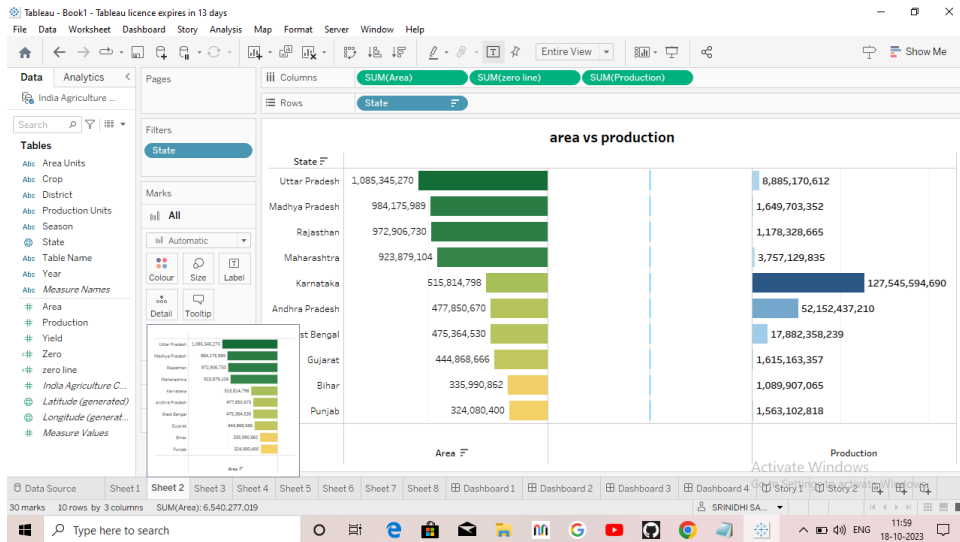


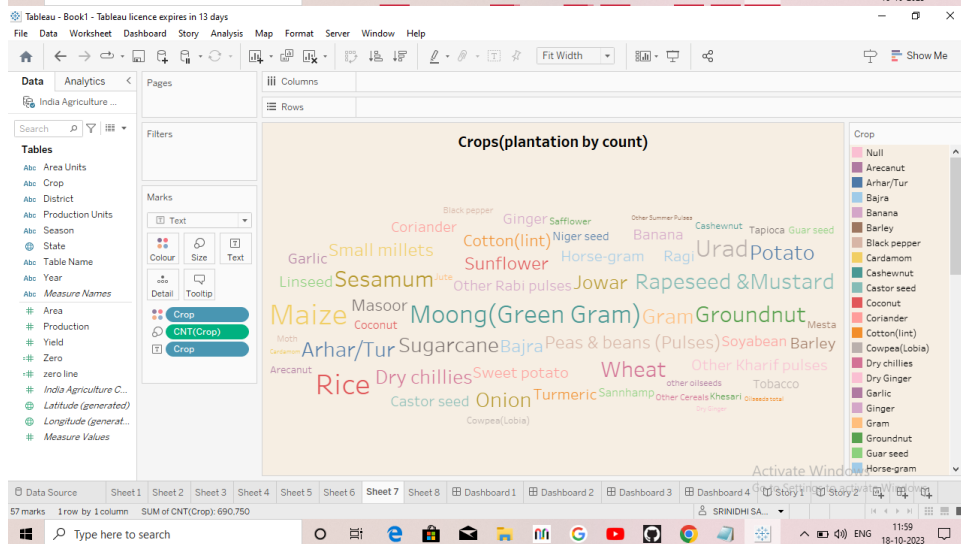
3.) RESULT:











What are the problems of agriculture in India Analyse?

The present challenges that plague Indian agriculture are limited knowledge and insufficient infrastructure, especially in the rural areas. Problems related to lack of infrastructure, such as irrigation, market and transport, add huge costs to farmers' operations. In addition, there are no proper delivery systems.

What is the disadvantage of agriculture in India?

Erosion of soil by heavy rain, floods, insufficient vegetation cover etc., reduces farm productivity. Inadequate irrigation facilities and poor management of water resources have led to a great decline in agricultural productivity.

5.) APPLICATION:

Agricultural output has been volatile over the past 10 years, with annual growth ranging from 8.6% in 2010-11, to -0.2% in 2014-15 and 0.8% in 2015-16. [2] Figure 3 shows the trend in the growth of agricultural sector over the past 10 years.

6.) CONCLUSION:

Agriculture remains the largest contributor to the country's GDP and farmers constitute 58% of India's population. It means much of India remains untouched by the mindlessness of consumerism. Under its Agriculture Export Policy, the Government of India aims to increase agricultural export by over \$60 billion by 2022.

7.) FUTURE SCOPE:

Yes, agriculture is good for the future as it is expected to use advanced technologies and innovations to produce more food with limited land and resources, increase efficiency on farms, and

become more profitable, efficient, safe, and environment friendly.