

Report - Tableau DataViz Challenge 2021

Domain - Horticulture

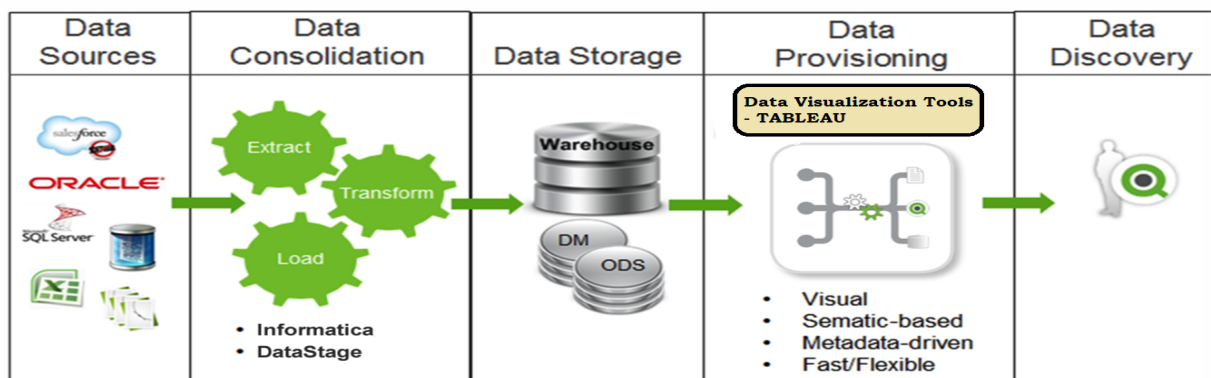
Topic - Fruits & Vegetable Production in India in the years 20009-10 & 2010-11

Introduction:

This project is about the visual representation of Data in the field of Horticulture.

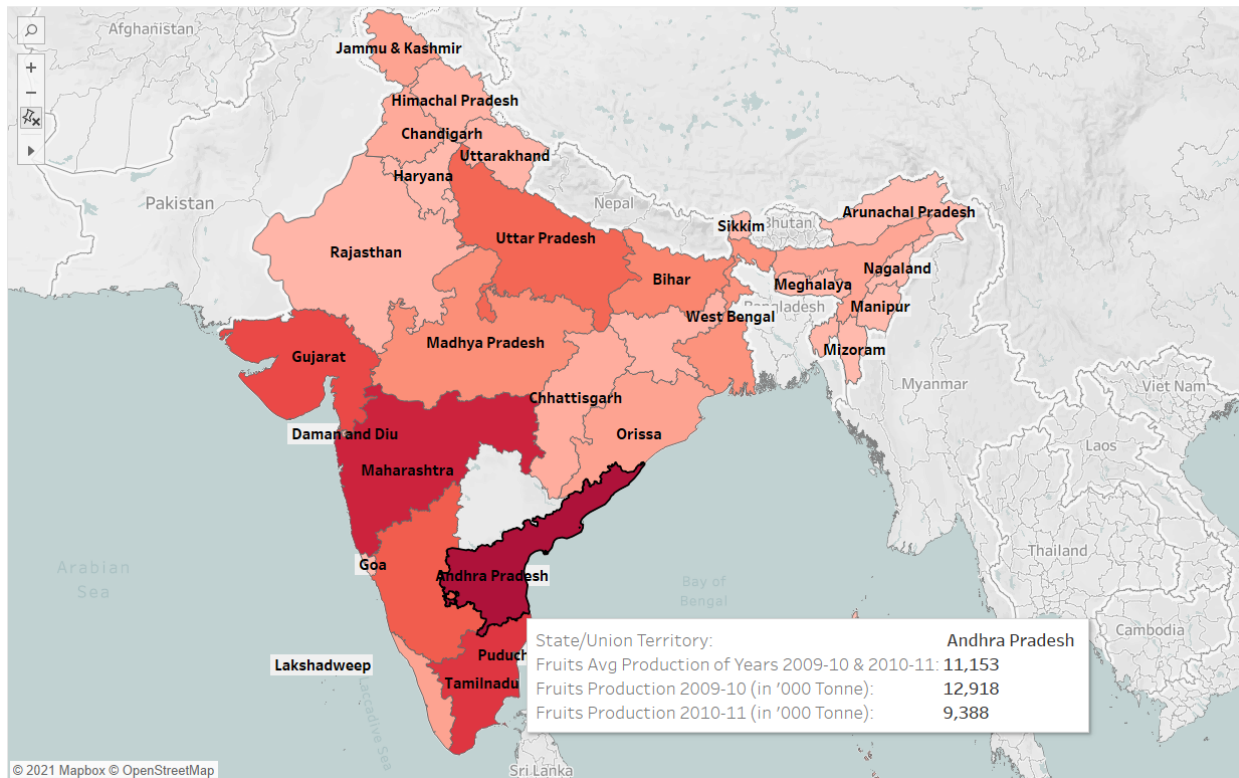
Horticulture is the branch of plant agriculture dealing with garden crops, generally fruits, vegetables, and ornamental plants. It is the art of cultivating plants to produce food and medicinal ingredients, or for comfort and ornamental purposes. Horticulturists grow flowers, fruits, vegetables, nuts, herbs, as well as ornamental trees and lawns.

Data visualization is the graphical representation of information and data. It gives us a clear idea of what the information means by giving it visual context through some visual elements like charts, maps or graphs. This makes the data more natural for the human mind to comprehend and therefore makes it easier to identify trends, patterns, and outliers within large data sets. Data visualization tools like **Tableau** provide an accessible way to see and understand trends, outliers, and patterns in data. It is a very efficient way of communicating when the data is numerous.



Sample SnapShot of Project:

Average Fruit Production of Years 2009-10 & 2010-11



Conclusion:

The massive amount of farming data requires precise methods and tools to obtain correct analysis results. This method of data visualisation using Tableau which aims to help farmers or farm managers gain a better understanding of farming data. By visualisation, this application can help in reducing the work load in the farm data management process. Using the visualizations created, farmers can gain a better understanding of the relation between data. The people in this field can use the graph visualisation to make a prediction. This process can help increase the productivity and work quality of farmers. An increase in productivity can ultimately help boost the economy of the country.

Data Source - <https://data.gov.in/> **Software Used** - **TABLEAU**