Agriculture Data Analytics in Crop Yield Estimation using IBM Cognos

1. Introduction

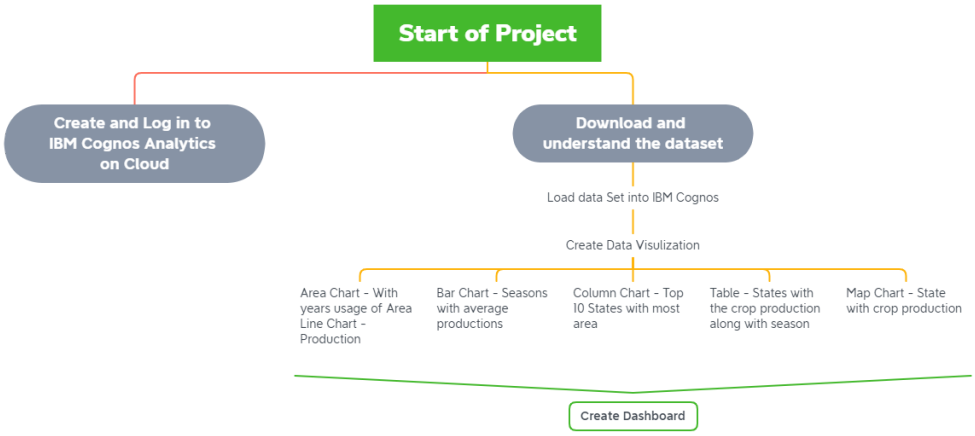
1.1 Overview of the Project

In GDP of India, more that 19% share is from Agriculture. So, It is important to analyse the Crop Production data of Indian Agriculture market. This project is aimed to create fruitful visulization using Congnos Analytics on cloud for said data.
In this project various types of visulization is created to find the insights from Crop Production data of Indian market.

1.2 Purpose

The purpose of this project is to know about the fundamental concepts of IBM Congnos on cloud, the working with IBM Cognos, to work with various graph and charts and to create meaningful dashboard.

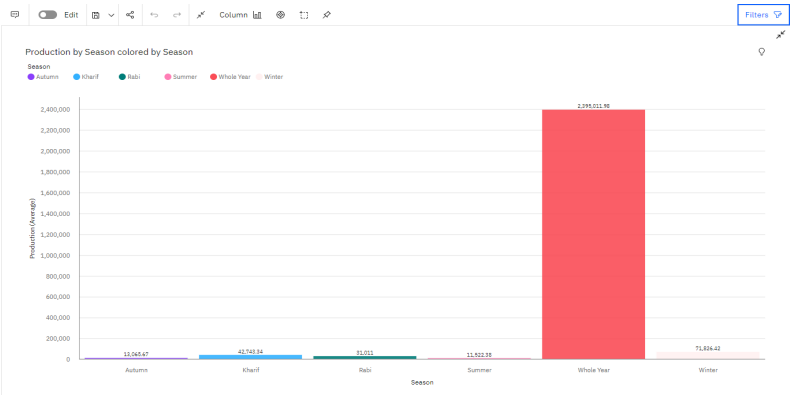
2. Flow chart of the Project



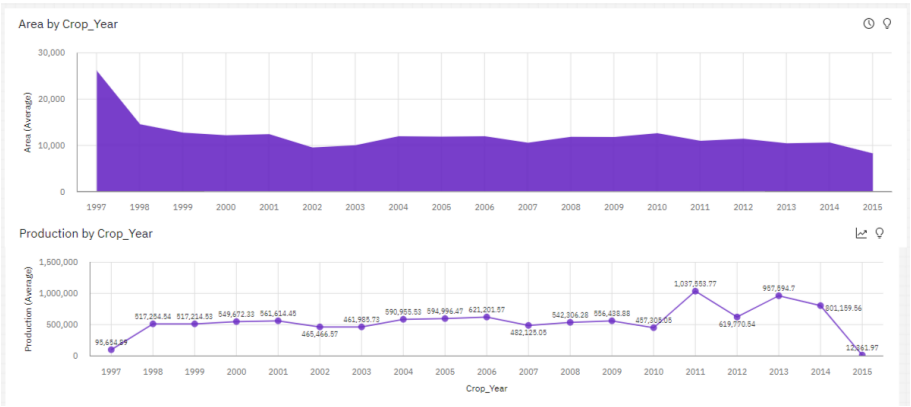
3. Output

Various outputs of the visulization are given below.

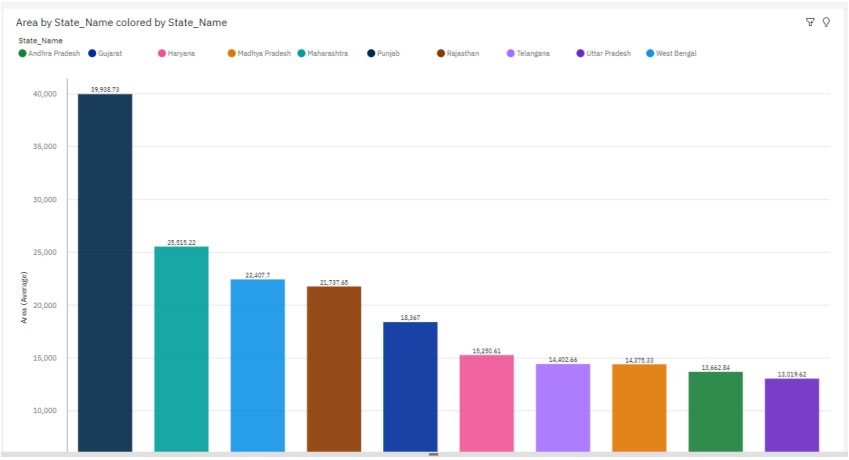
1. Seasons with average productions



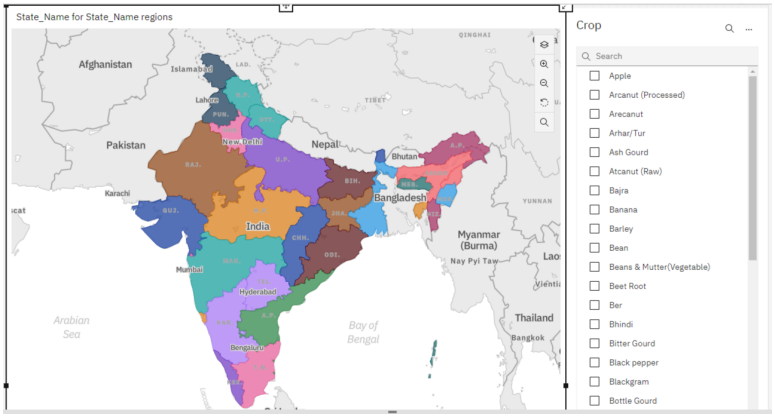
2. With years usage of Area and Production



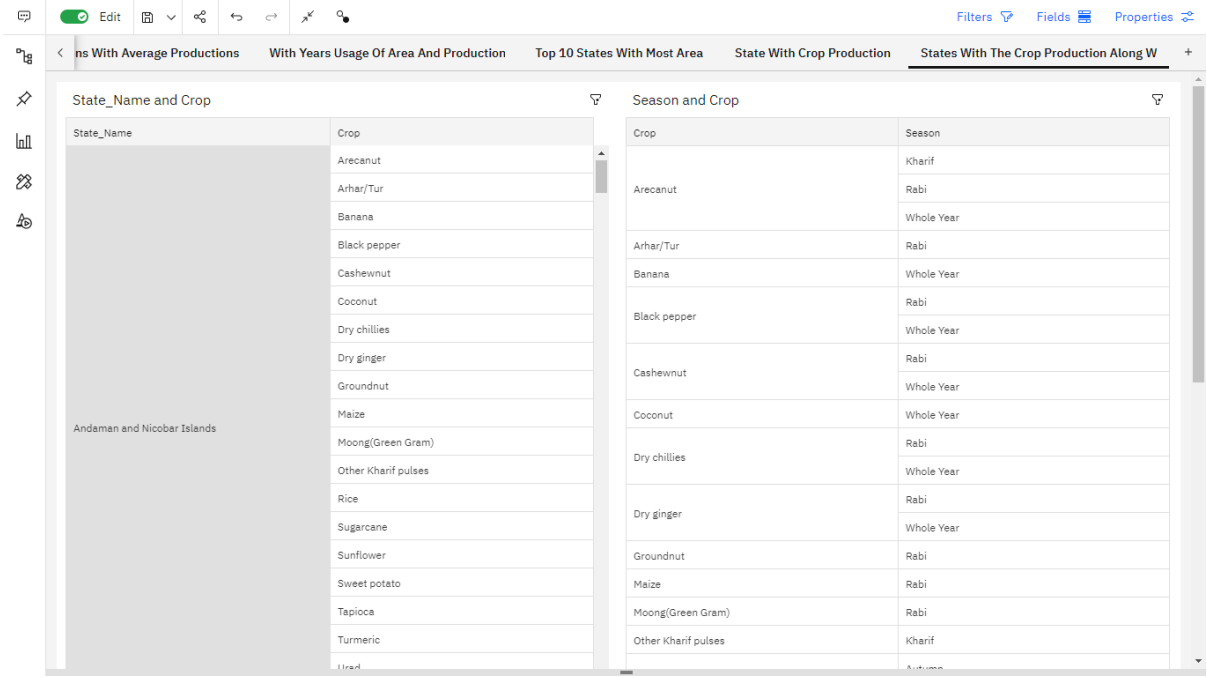
3. Top 10 States with most area



4. State with crop production



5. States with the crop production along with season



By clubbing all above visulization Dashboard is prepared.