

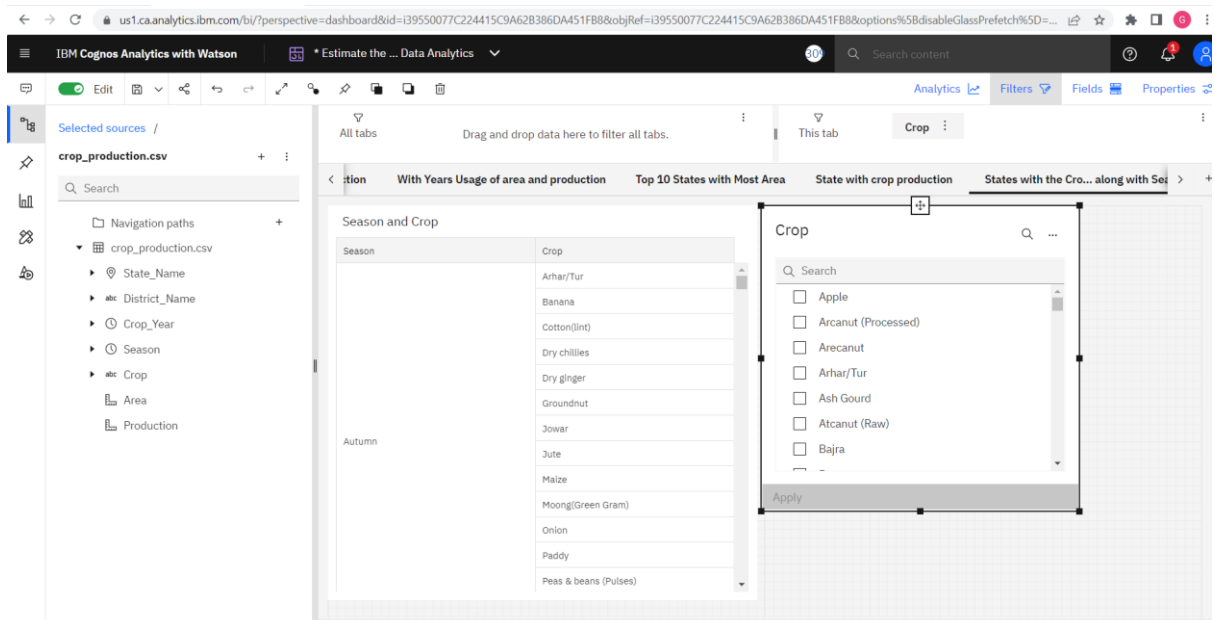
## Data Visualization Charts

Date	7 November 2022
Team ID	PNT2022TMID51001
Project Name	Estimate The Crop Yield Using Data Analytics

### States with the crop production along with season :

As the dataset contains six features as listed namely, State name, District Name, Crop Year, Season, Area, Production. The visualization which is chose is table where the features like crop and season are placed in the columns. And the crop is being places in the filter and in the properties click on add to canvas.

Without Application of Canvas, it becomes like



With Application of Canvas, it becomes

The screenshot displays the IBM Cognos Analytics web interface. The top navigation bar includes the title 'IBM Cognos Analytics with Watson' and a search bar. The left sidebar shows a tree view of data sources, with 'crop\_production.csv' selected. The main workspace is divided into two panes. The left pane, titled 'Season and Crop', contains a table with the following data:

Season	Crop
Kharif	Grapes
	Ash Gourd
Whole Year	Grapes

The right pane, titled 'Crop', shows a filter configuration panel. It includes a search bar and a list of crops with checkboxes: Apple, Arcanaut (Processed), Arecanut, Arhar/Tur, Ash Gourd (checked), Atcanut (Raw), and Bajra. An 'Apply' button is at the bottom. A red circle highlights the 'Crop' filter panel in the top right corner of the workspace.