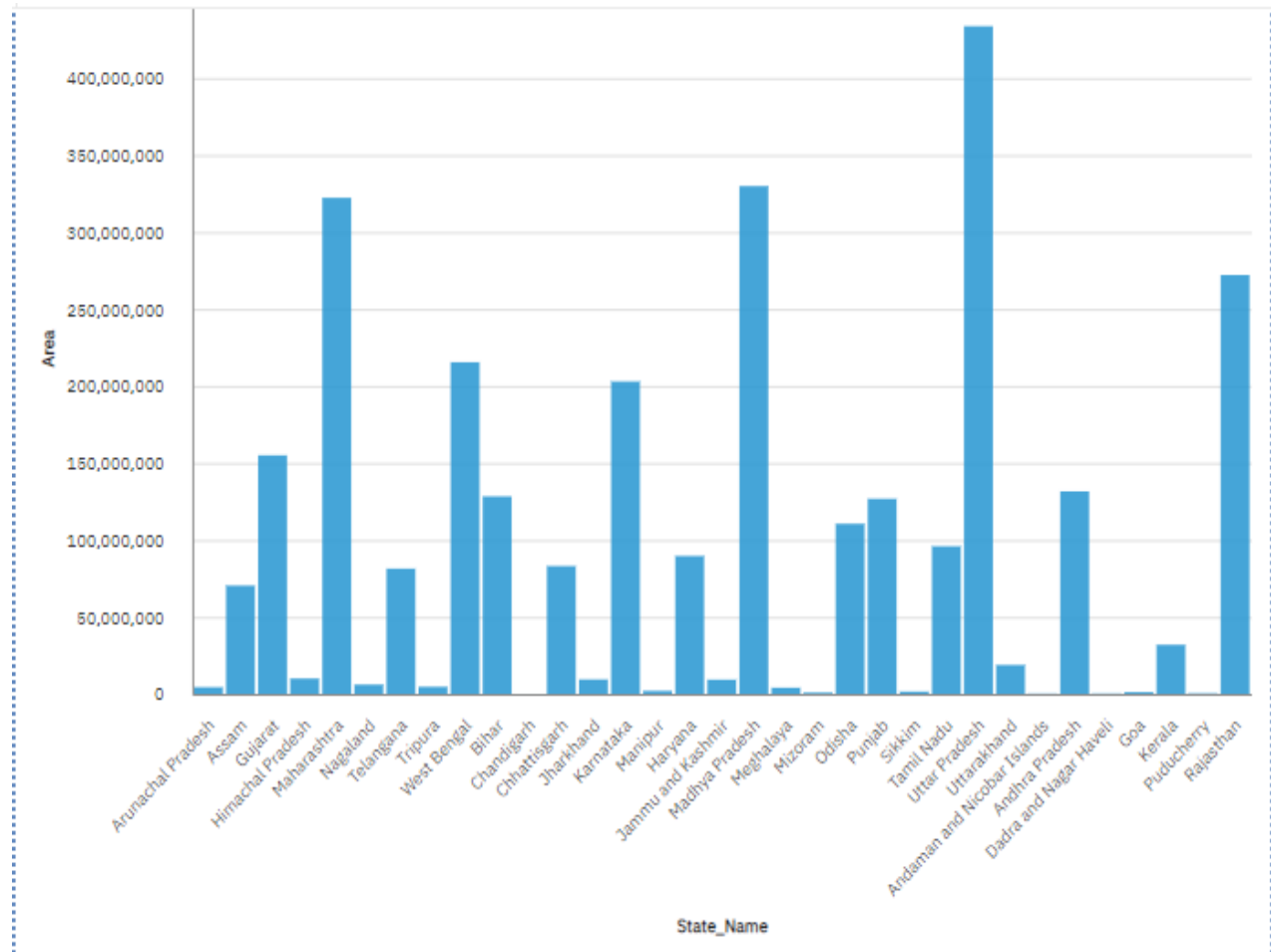


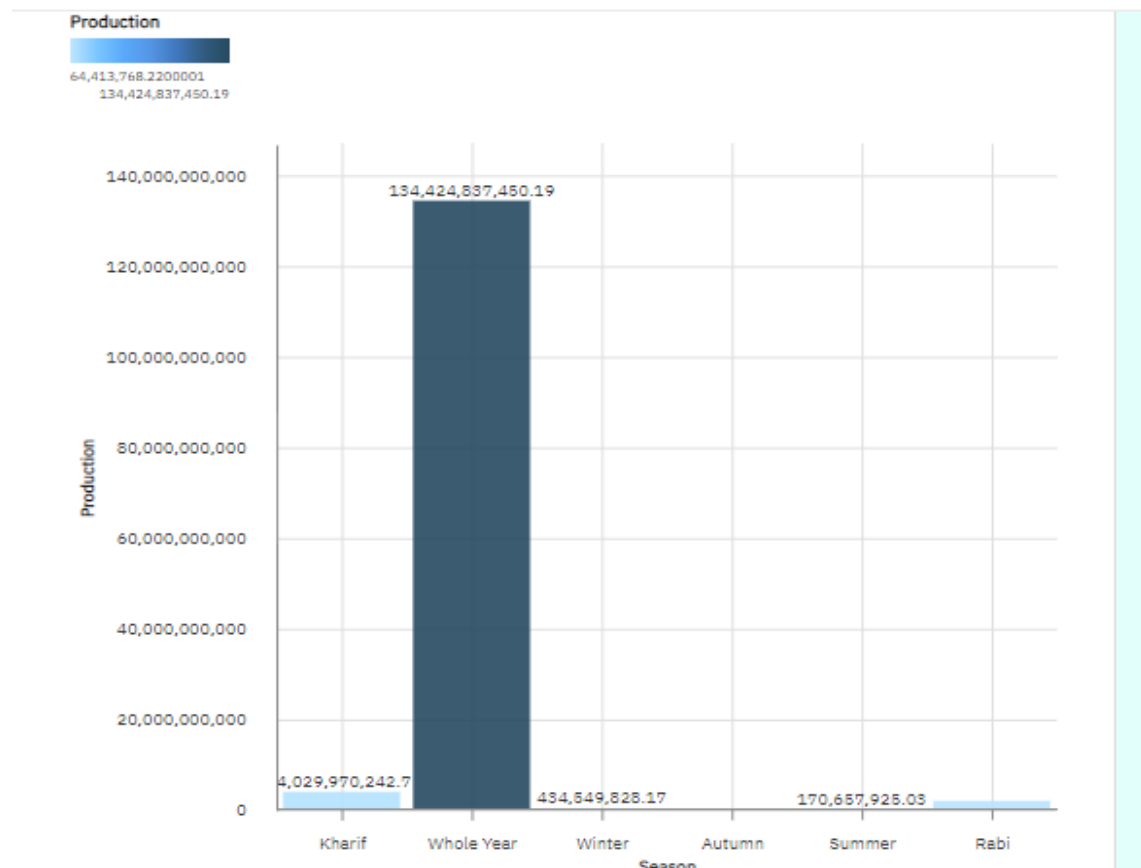
Report

Date	07 th November 2022
Team ID	PNT2022TMID51001
Project Name	Project - Estimate The Crop Yield Using Data Analytics

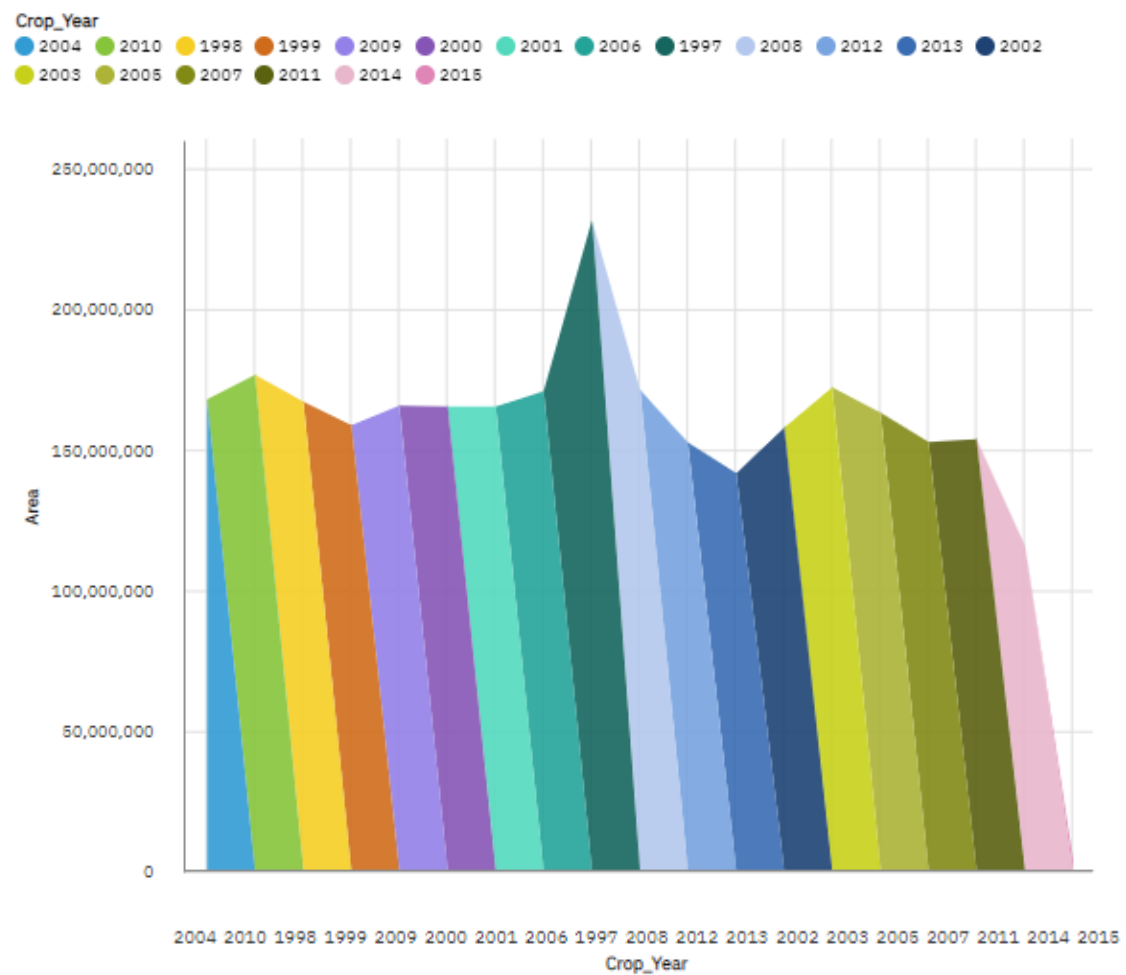
States with area of production



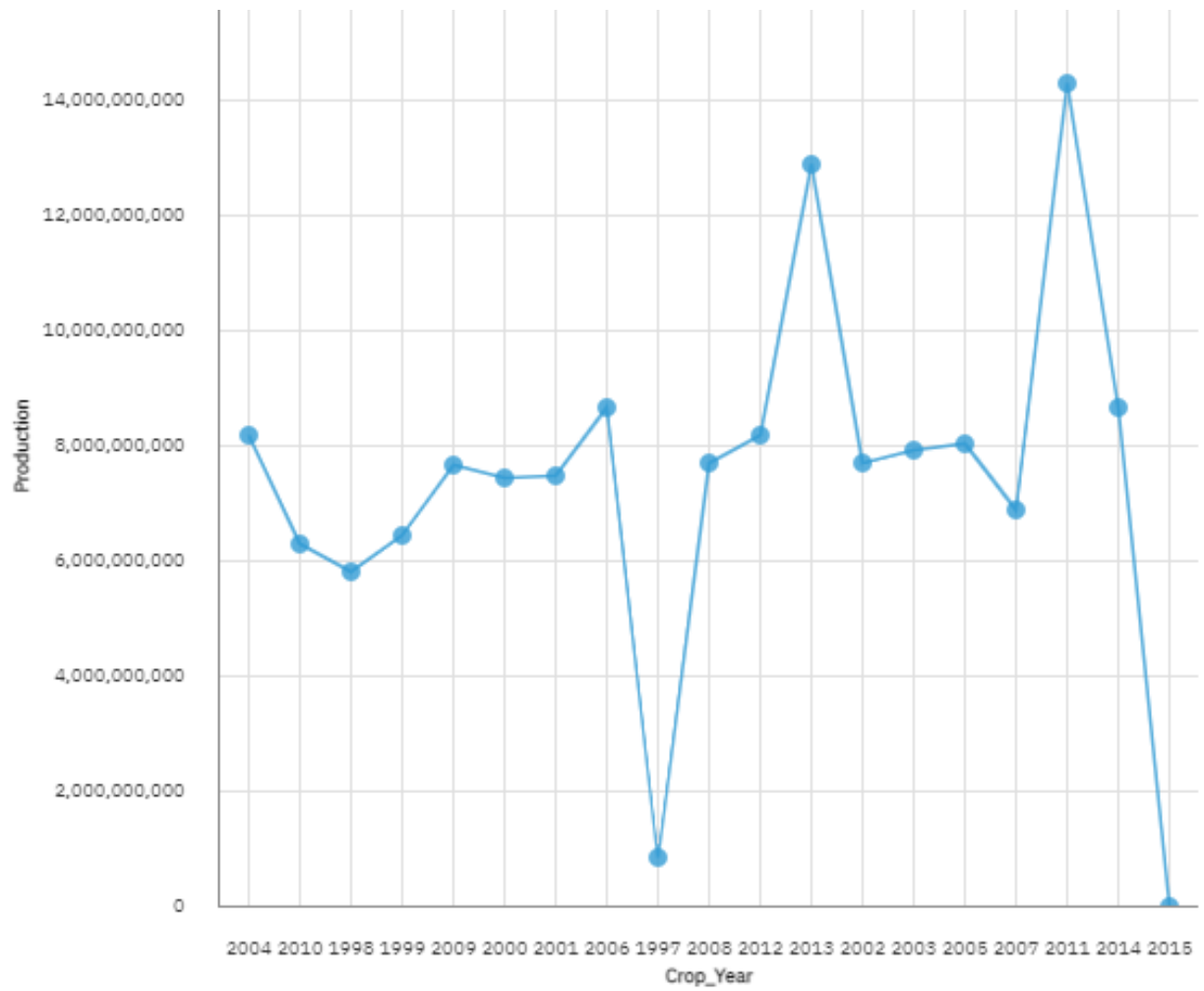
Seasons with productions



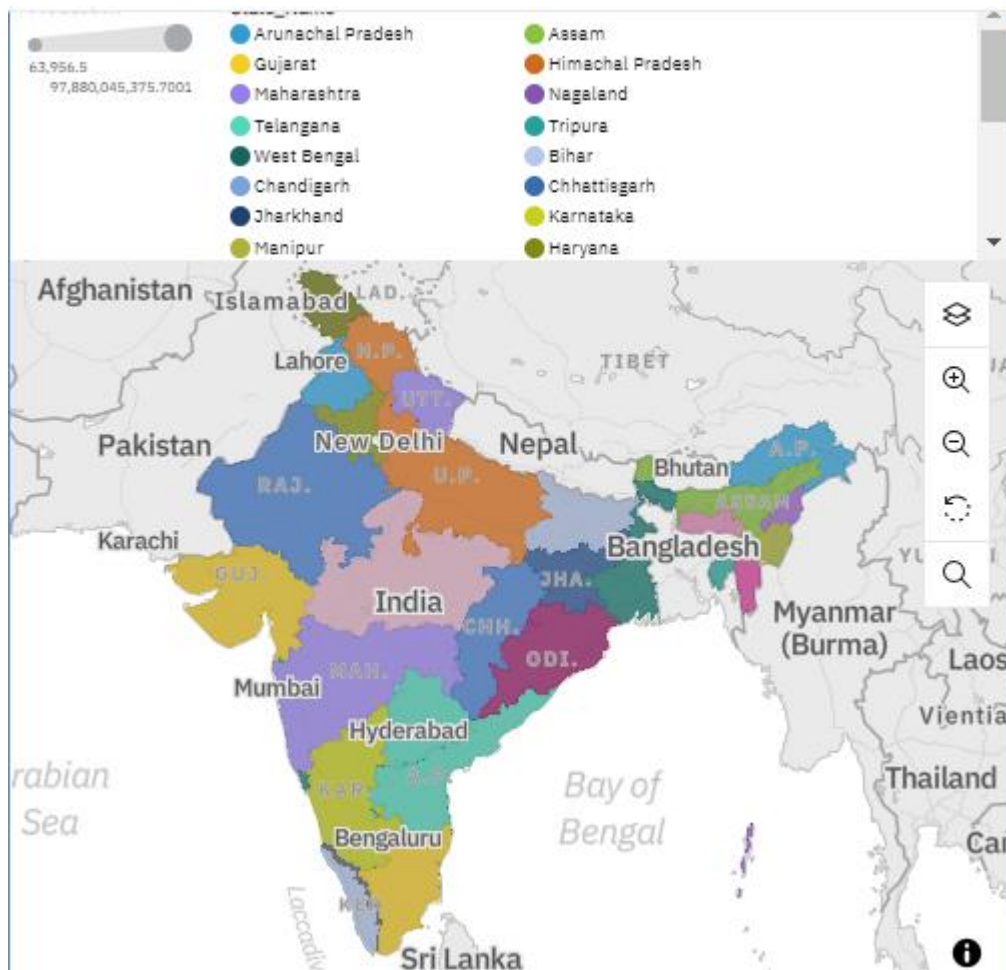
With years usage of area



With years usage of area and production



States with crop production



State with crop production along with seasons

Production	Rabi	Autumn	Summer	Whole Year	Kharif	Winter
Andhra Pradesh	98,156,193			17,026,098,049	200,336,054	
Assam	8,404,649	8,230,196	17,171,024	1,996,667,293	15,782,850	65,495,747
Bihar	103,402,165	23,622,936	15,679,752	124,903,630	31,029,656.66	67,845,457
Chhattisgarh	9,228,963.01		1,494	1,946,226	89,775,225	
Gujarat	51,737,400		12,268,700	283,969,858	176,315,379	
Haryana	173,272,098			119,408,311	88,593,481	
Himachal Pradesh	6,723,873			947,088.1	10,134,207.5	
Jammu and Kashmir	4,124,447.7			96,323.2	9,070,244.8	
Jharkhand	1,609,846.66	1,923,687.84		91,369.88	32,220.12	7,120,617.25
Karnataka	43,860,390.2		19,552,520	624,988,842.21	175,028,059.27	
Kerala		3,442,449.33	2,093,790.53	97,869,331,257.1701	120,672.95	5,057,205.72
Madhya Pradesh	191,648,533.66			90,948,638.07	166,243,566.93	
Maharashtra	70,912,135.5	19,695	2,957,812	653,287,157	536,463,806.7	
Manipur	18,910	244,230	28,600	1,111,195	3,619,792	208,190
Meghalaya	725,401	525,139	358,352	4,378,228	4,723,682	1,401,694
Mizoram	67,405.53			406,907	1,187,227.3	

Summary:

- A report is generated using IBM cognos analytics which contains the visualization charts for analysis of crop production in different aspects
- This is done by creating a data module and uploading the crop production dataset to it.
- Then that data module is selected as a source for our report and the template we used here is 2 by 3 active report.
- Attributes like state name, area, seasons, crops, crop year were selected as fields for the above charts.

Report link:

https://us3.ca.analytics.ibm.com/bi/?pathRef=.my_folders%2Fdata%2Bmodules%2Freport&action=run&format=HTML&prompt=false