

Project Development - Delivery Of Sprint-3 Story

Date	17 November 2022
Team ID	PNT2022TMID13120
Project Name	Estimate The Crop Yield Using Data Analytics

- Story can help you inform and engage you audience.
- We can use stories in IBM COGNOS ANALYTICS to create scenes that visualizes our data and to tell a narrative.
- A story is a type of view.
- A story is composed of a set of scenes that are displayed in sequences over time.
- Stories can be used to provide our data with a visual narrative.
- Effective data story telling can also:
 - Help businesses learn about its audience wants and needs.
 - Eliminate the risk exposures to unknown processes.

Crop production

Seasons With Average Productions

With Years Usage Of Area And Production

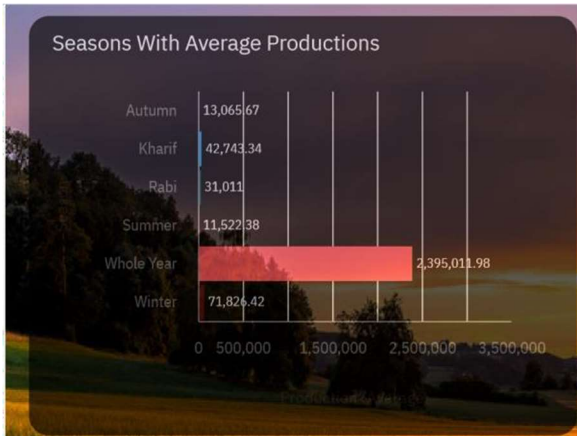
Top 10 States With Most Area

State With Crop Production

States With The Crop Production Along With Season

Seasons With Average Productions

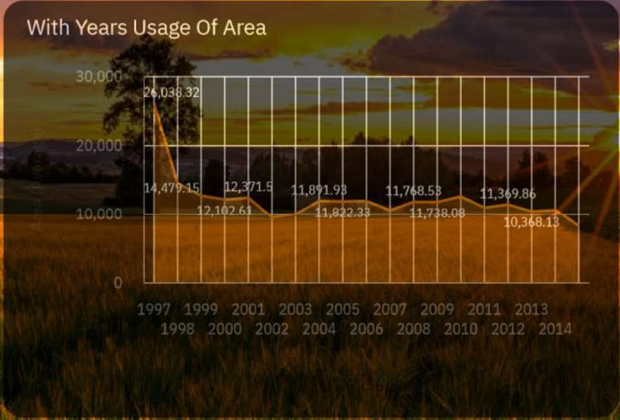
Season	Average Productions
Autumn	13,065.67
Kharif	42,743.34
Rabi	31,011
Summer	11,522.38
Whole Year	2,395,011.98
Winter	71,826.42



Whole year production is good and shows better production

With Years Usage Of Area

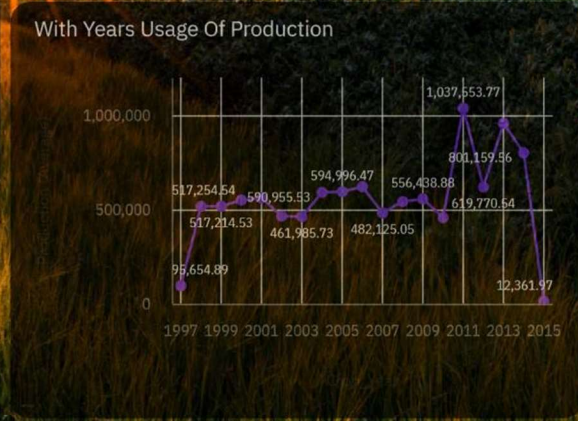
Year	Usage
1997	24,038.32
1998	14,479.15
1999	12,371.5
2000	12,102.61
2001	11,841.98
2002	11,842.33
2003	11,748.53
2004	11,748.08
2005	11,349.86
2006	10,368.13
2007	10,368.13
2008	10,368.13
2009	10,368.13
2010	10,368.13
2011	10,368.13
2012	10,368.13
2013	10,368.13
2014	10,368.13



In 1997 is area of production is high

With Years Usage Of Production

Year	Production Volume
1997	95,654.89
1998	517,254.54
1999	517,214.53
2000	500,955.93
2001	461,985.73
2002	594,996.47
2003	556,438.88
2004	482,125.05
2005	556,438.88
2006	556,438.88
2007	556,438.88
2008	556,438.88
2009	556,438.88
2010	619,770.54
2011	1,037,537.77
2012	801,159.96
2013	953,961.96
2014	12,361.97
2015	12,361.97



In 2011 the production is reach at high

State	Area (sq. km)
Andaman and Nicobar Islands	83,743
Bihar	94,347
Goa	3,707
Jammu and Kashmir	222,237
Madhya Pradesh	3,08,143
Mizoram	11,437
Punjab	50,361
Rajasthan	3,42,147
West Bengal	88,197
Telangana	1,19,487



It can shows the state with crop production by using filters

State_Name	Crop	Crop_Year
Andhra Pradesh	Grapes	2002
		2003
		2012
		2013
		2014
Haryana	Grapes	2002
		2003
Karnataka	Grapes	2002
		2003

States With The Crop Production Along With Season

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

Crop Includes: Grapes

Widget 2

Crop Includes: Ash Gourd, Grapes