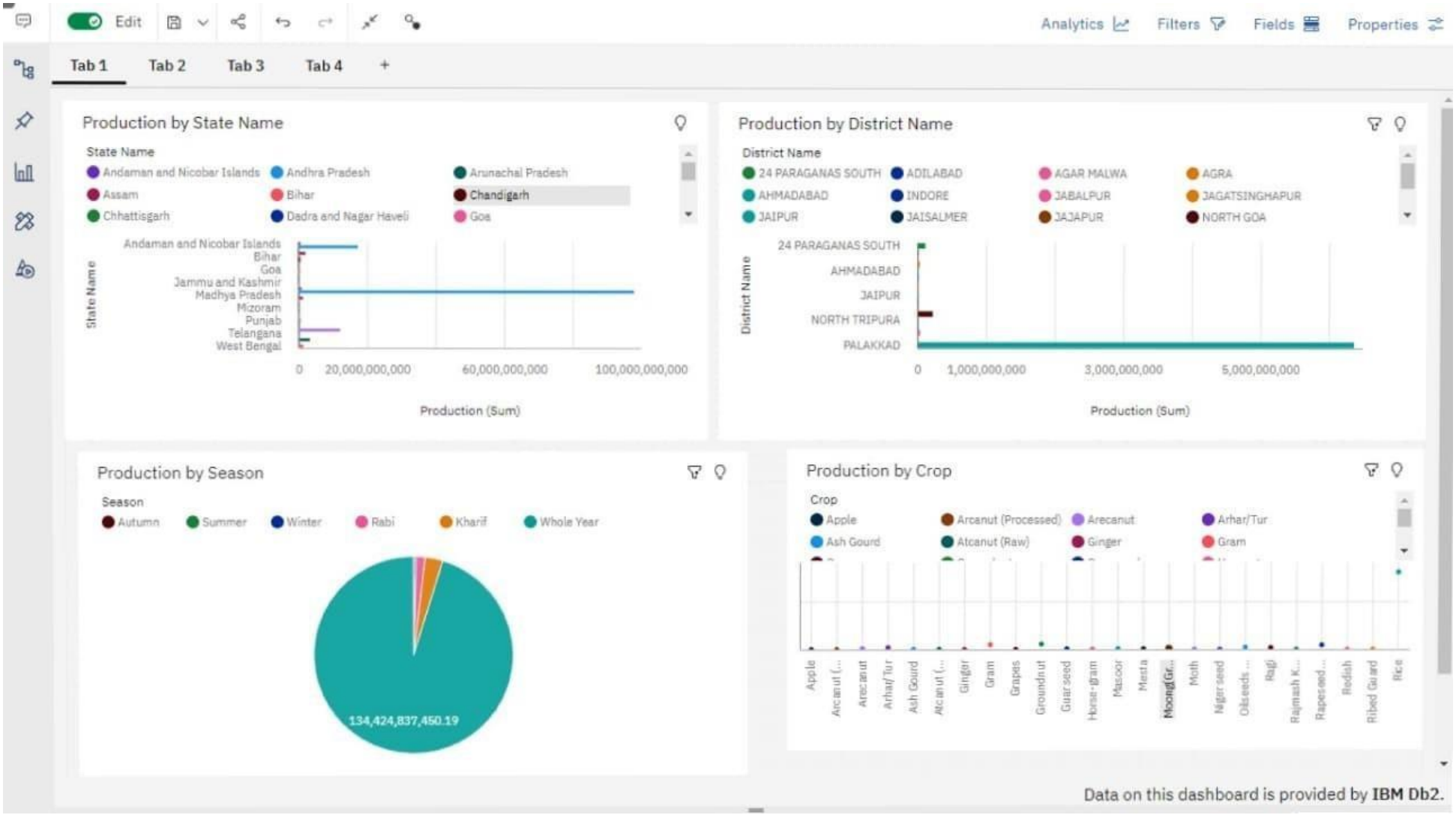
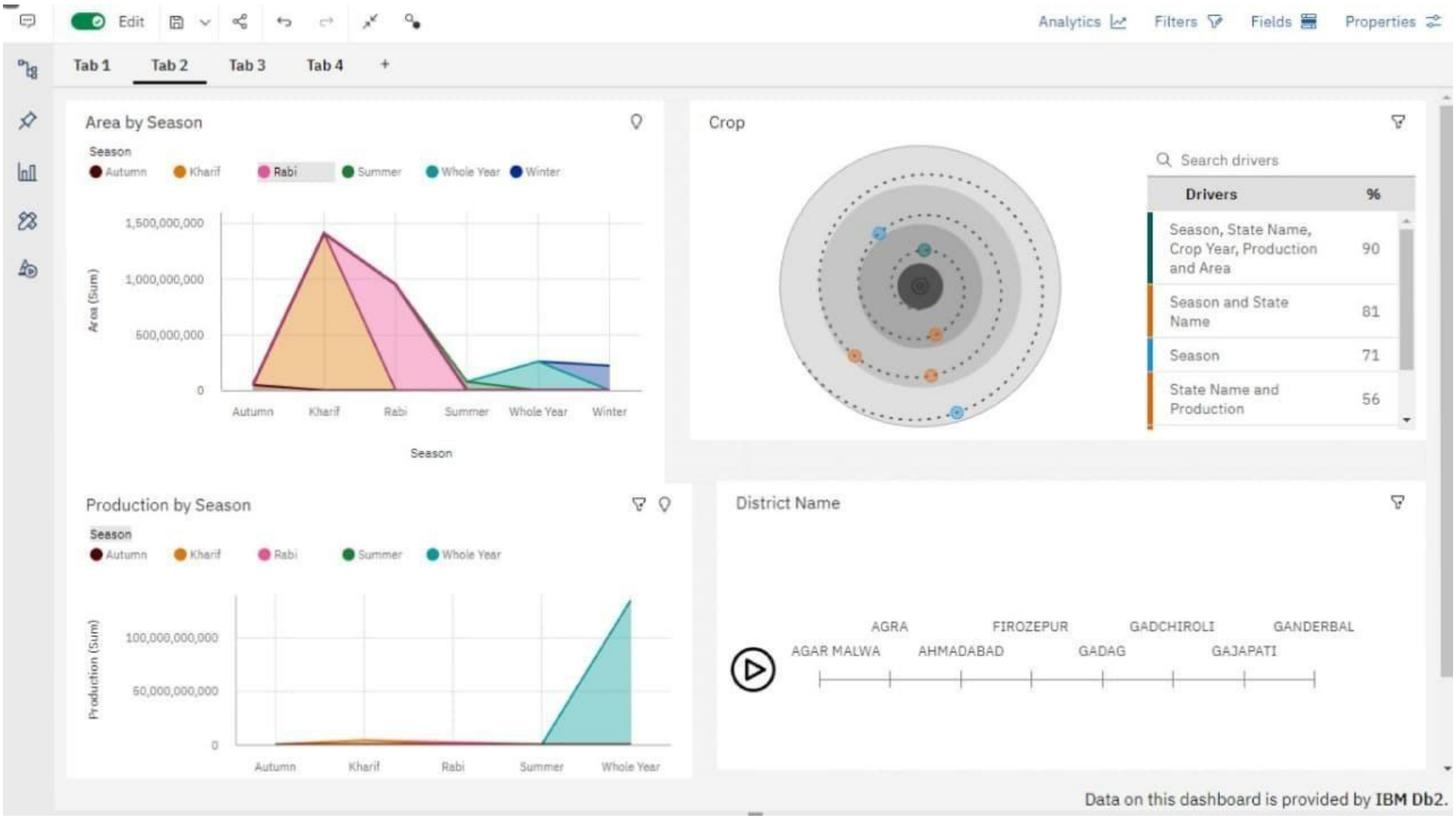
DASHBOARD ON CROP YIELD ESTIMATION BY USING IBM Db2 CLOUD

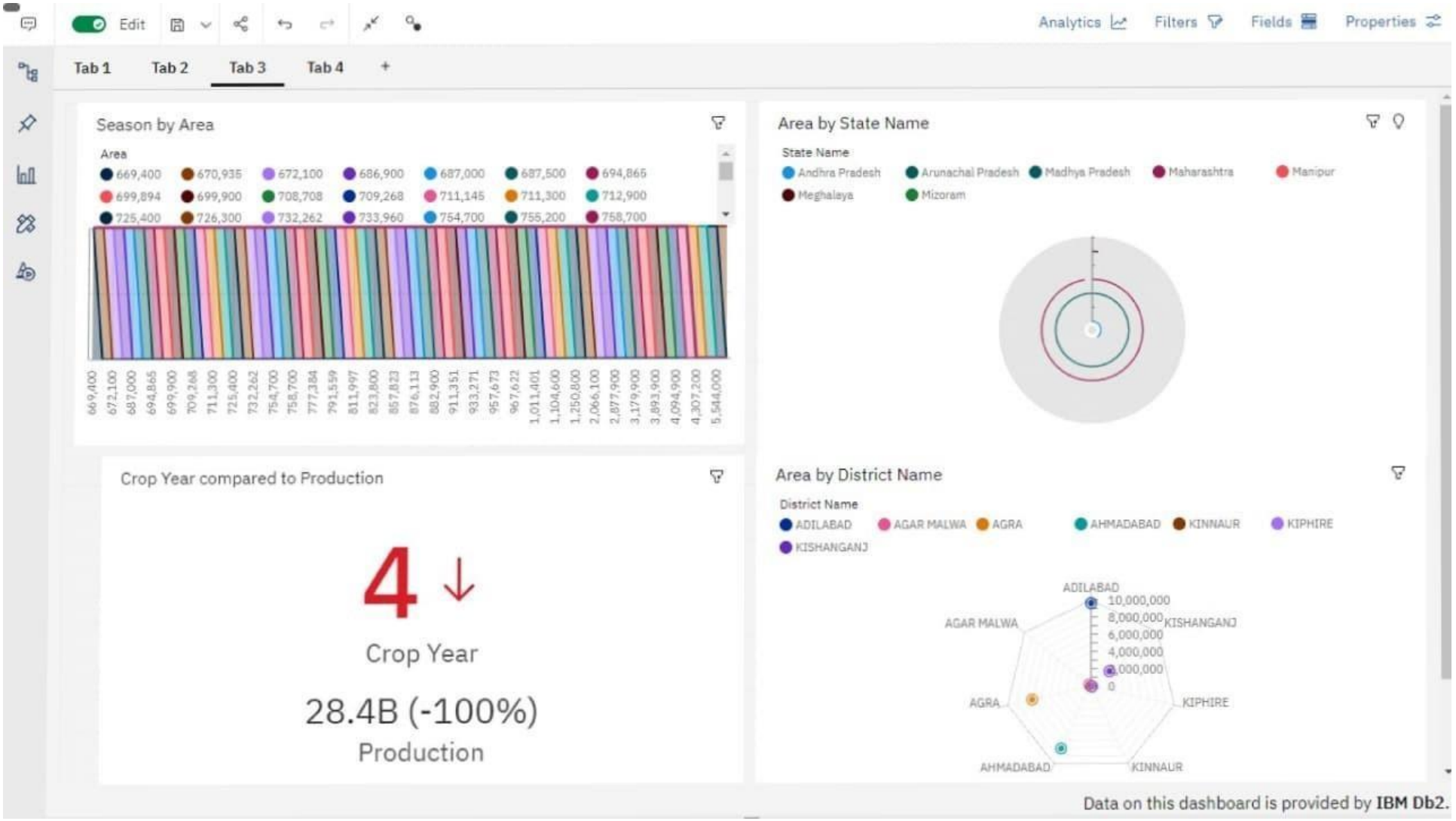
DATE:	17-Nov-2022
TEAM ID:	PNT2022TMID05425
PROJECT NAME:	Estimate the Crop yield using Data Analytics.

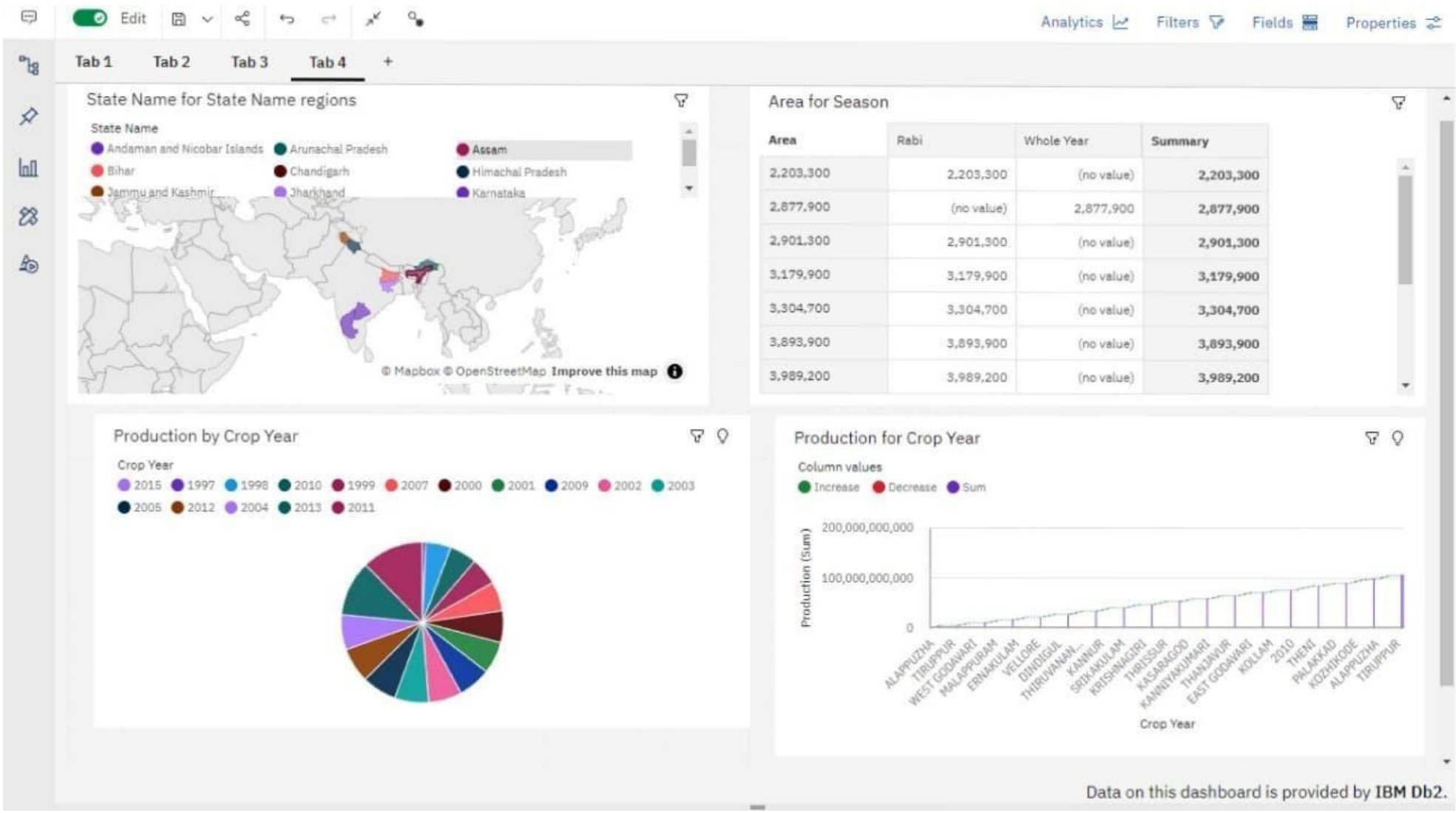
LINK:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.public_folders%2FDATA%2BMODULE%2BDb2%2FDashboard%2Busing%2BIBM%2BDb2&action=view&mode=dashboard&subView=model0000018462c23cbc_00000000


Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
Tab 3
Tab 4
Production by State Name
State Name
Andaman and Nicobar Islands
Andhra Pradesh
Arunachal Pradesh
Assam
Bihar
Chandigarh
Chhattisgarh
Dadra and Nagar Haveli
Goa
Andaman and Nicobar Islands
Bihar
Goa
Jammu and Kashmir
Madhya Pradesh
Mizoram
Punjab
Telangana
West Bengal
State Name
0
20,000,000,000
60,000,000,000
100,000,000,000
Production (Sum)
Production by District Name
District Name
24 PARAGANAS SOUTH
ADILABAD
AGAR MALWA
AGRA
AHMADABAD
INDORE
JABALPUR
JAGATSINGHAPUR
JAIPUR
JAISALMER
JAJAPUR
NORTH GOA
24 PARAGANAS SOUTH
AHMADABAD
JAIPUR
NORTH TRIPURA
PALAKKAD
District Name
0
1,000,000,000
3,000,000,000
5,000,000,000
Production (Sum)
Production by Season
Season
Autumn
Summer
Winter
Rabi
Kharif
Whole Year
134,424,837,450.19
Production by Crop
Crop
Apple
Arcanut (Processed)
Arecanut
Arhar/Tur
Ash Gourd
Atcanut (Raw)
Ginger
Gram
Apple
Arcanut (...
Arecanut
Arhar/Tur
Ash Gourd
Atcanut (...
Ginger
Gram
Grapes
Groundnut
Guar seed
Horse-gram
Masoor
Mesta
Moong(Gr...
Moth
Niger seed
Oilseeds ...
Ragi
Rajmash K...
Rapeseed ...
Redish
Ribed Guard
Rice
Data on this dashboard is provided by IBM Db2.


Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
Tab 3
Tab 4
Area by Season
Season
Autumn
Kharif
Rabi
Summer
Whole Year
Winter
1,500,000,000
1,000,000,000
500,000,000
0
Area (Sum)
Autumn
Kharif
Rabi
Summer
Whole Year
Winter
Season
Crop
Search drivers
Drivers
%
Season, State Name, Crop Year, Production and Area
90
Season and State Name
81
Season
71
State Name and Production
56
Production by Season
Season
Autumn
Kharif
Rabi
Summer
Whole Year
100,000,000,000
50,000,000,000
0
Production (Sum)
Autumn
Kharif
Rabi
Summer
Whole Year
District Name
AGRA
FIROZEPUR
GADCHIROLI
GANDERBAL
AGAR MALWA
AHMADABAD
GADAG
GAJAPATI
Data on this dashboard is provided by IBM Db2.


Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
Tab 3
Tab 4
Season by Area
Area
669,400
670,935
672,100
686,900
687,000
687,500
694,865
699,894
699,900
708,708
709,268
711,145
711,300
712,900
725,400
726,300
732,262
733,960
754,700
755,200
758,700
669,400
672,100
687,000
694,865
699,900
709,268
711,300
725,400
732,262
754,700
758,700
777,384
791,559
811,997
823,800
857,823
876,113
882,900
911,351
933,271
957,673
967,622
1,011,401
1,104,600
1,250,800
2,066,100
2,877,900
3,179,900
3,893,900
4,094,900
4,307,200
5,544,000
Area by State Name
State Name
Andhra Pradesh
Arunachal Pradesh
Madhya Pradesh
Maharashtra
Manipur
Meghalaya
Mizoram
Crop Year compared to Production
4
Crop Year
28.4B (-100%)
Production
Area by District Name
District Name
ADILABAD
AGAR MALWA
AGRA
AHMADABAD
KINNAUR
KIPHIRE
KISHANGANJ
ADILABAD
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
KISHANGANJ
KIPHIRE
KINNAUR
AHMADABAD
AGRA
AGAR MALWA
Data on this dashboard is provided by IBM Db2.


Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
Tab 3
Tab 4
+
State Name for State Name regions
State Name
Andaman and Nicobar Islands
Arunachal Pradesh
Assam
Bihar
Chandigarh
Himachal Pradesh
Jammu and Kashmir
Jharkhand
Karnataka
© Mapbox © OpenStreetMap Improve this map
Area for Season
Area
Rabi
Whole Year
Summary
2,203,300
2,203,300
(no value)
2,203,300
2,877,900
(no value)
2,877,900
2,877,900
2,901,300
2,901,300
(no value)
2,901,300
3,179,900
3,179,900
(no value)
3,179,900
3,304,700
3,304,700
(no value)
3,304,700
3,893,900
3,893,900
(no value)
3,893,900
3,989,200
3,989,200
(no value)
3,989,200
Production by Crop Year
Crop Year
2015
1997
1998
2010
1999
2007
2000
2001
2009
2002
2003
2005
2012
2004
2013
2011
Production for Crop Year
Column values
Increase
Decrease
Sum
Production (Sum)
200,000,000,000
100,000,000,000
0
ALAPPUZHA
TIRUPPUR
WEST GODAVARI
MALAPPURAM
ERNAKULAM
VELLORE
DINDIGUL
THIRUVANNAM...
KANNUR
SRIKAKULAM
KRISHNAGIRI
THRISSUR
KASARAGOD
KANNIYAKUMARI
THANJAVUR
EAST GODAVARI
KOLLAM
2010
THENI
PALAKKAD
KOZHIKODE
ALAPPUZHA
TIRUPPUR
Crop Year
Data on this dashboard is provided by IBM Db2.