



KCG

COLLEGE OF TECHNOLOGY

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KARAPAKKAM
CHENNAI

PROJECT DEVELOPMENT PHASE- SPRINT 3

TOPIC: ESTIMATE THE CROP YIELD USING DATA
ANALYTICS

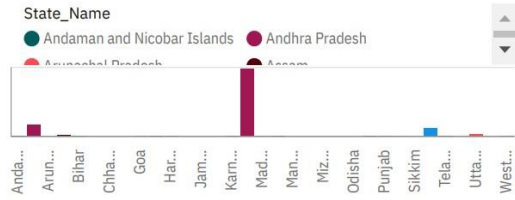
TEAM ID: PNT2022TMID27387

TEAM MEMBERS:

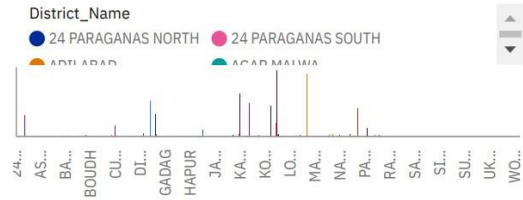
VIMAL KHANNA M
YOGESH J
MOHAMED FAYAZ S
VISHNUKANTH M S

Dashboard 1

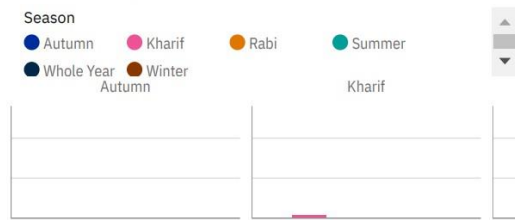
Production by State_Name colored by State_Name



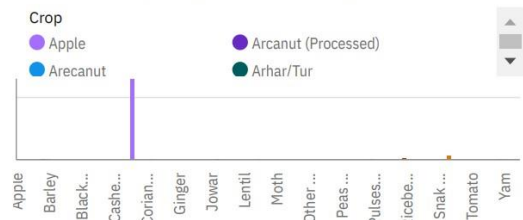
Production by District_Name colored by District_Name



Production by Season colored by Season



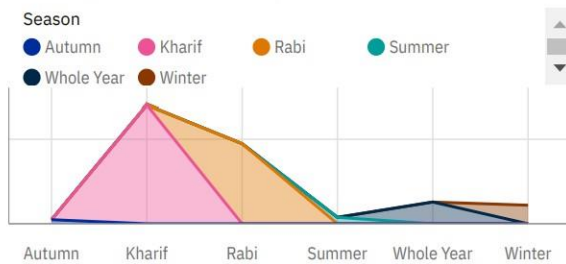
Production by Crop colored by Crop



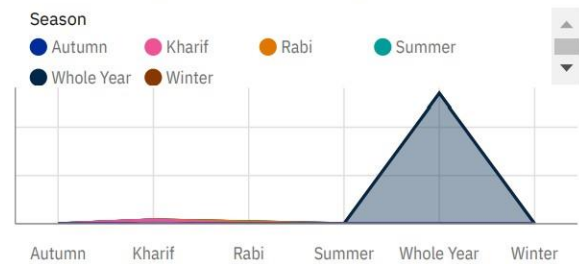
DASHBOARD 2

Dashboard 2

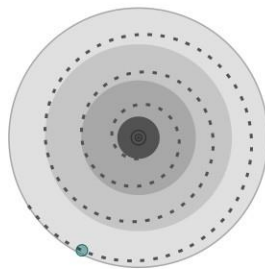
Area by Season colored by Season



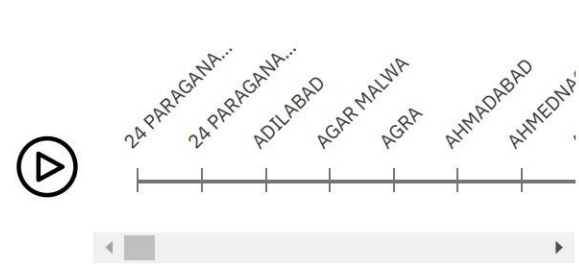
Production by Season colored by Season



Crop



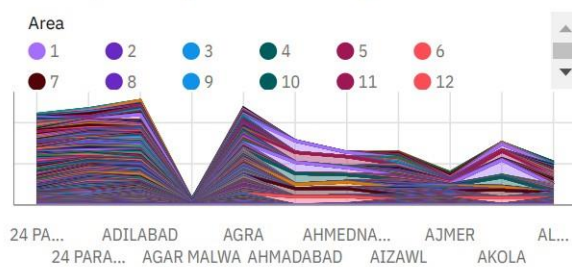
District_Name



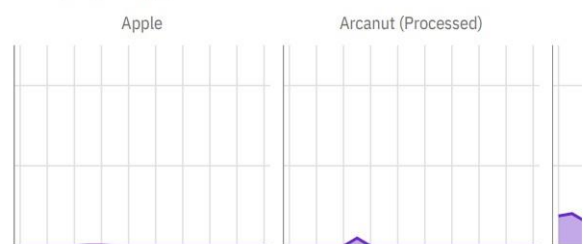
DASHBOARD – 3

Dashboard 3

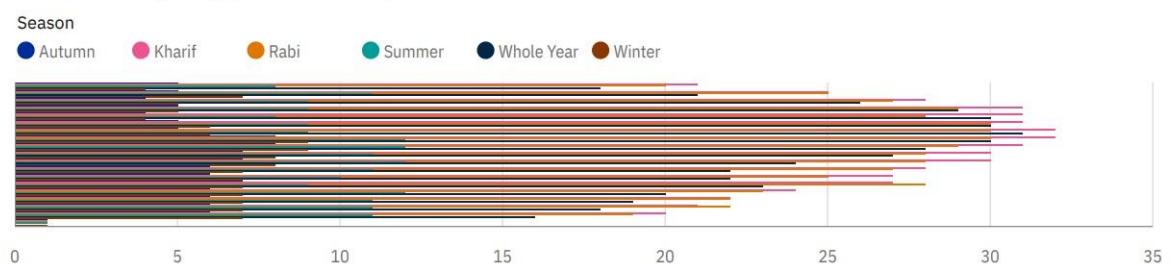
Area by District_Name colored by Area



Crop by Crop_Year



State_Name by Crop_Year colored by Season



DASHBOARD 4

Dashboard 4

Crop_Year compared to Production

19 ↓

Crop_Year

141B (-100%)

Production

State_Name compared to Production

33 ↓

State_Name

141B (-100%)

Production

Area compared to Production

2.95B ↓

Area

141B (-97.91%)

Production

District_Name compared to Production

646 ↓

District_Name

141B (-100%)

Production

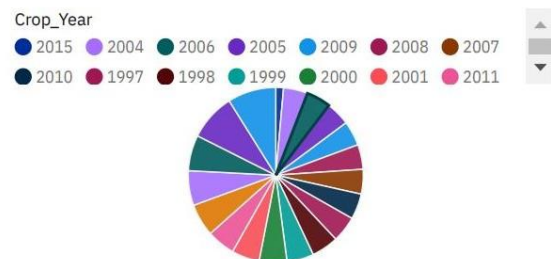
DASHBOARD 5

Dashboard 5

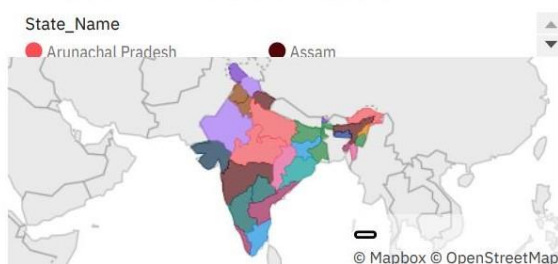
Production, State_Name, Crop and Area

| Production | State_Name | Crop | Area |
|------------|-----------------|-----------------|------|
| 0 | Andhra Prade... | Bottle Gourd | 1, |
| 0 | Andhra Prade... | Cucumber | 6, |
| 0 | Andhra Prade... | Other Vegeta... | 45, |
| 0 | Andhra Prade... | Peas (vegeta... | |

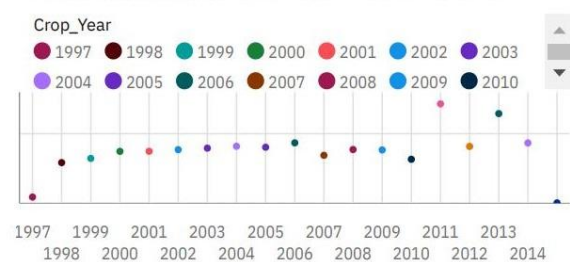
Crop by Crop_Year



State_Name for State_Name regions



Production by Crop_Year colored by Crop_Year



Link:

https://eu1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Floading%2Bdata%2Bset%2Floading%2Bdata%2Bset%2Bdashboard&action=view&mode=dashboard