Project Flow

Date	11 October 2022
Team ID	PNT2022TMID14566
Project Name	Estimate the crop yield using Data Analytics

Project Flow:

Users create multiple analysis graphs/charts.

Using the analyzed chart creation of the Dashboard is done.

Saving and Visualizing the final dashboard in the IBM Cognos

Analytics. To accomplish this, we have to complete all the activities and tasks listed below

IBM Cloud Account

Login to Cognos Analytics

Working with the Dataset

- Understand the Dataset
- Loading the Dataset

Data visualization charts

- 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 (Text Table)

Dashboard Creation

Export the Analytics

Project Flow Diagram:

```
                    ┌─────────────────────────────┐
                    │  Download the Dataset and   │
                    │ understand every feature in it. │
                    └──────────────┬──────────────┘
                                   │
                                   ▼
                    ┌─────────────────────────────┐
                    │    Upload the Dataset in    │
                    │        IBM Cognos .         │
                    └──────────────┬──────────────┘
                                   │
                                   ▼
        ┌──────────────────────────────────────────────────┐
        │ Visualize the data                               │
        │   •    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 (Text Table)                         │
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  ┌─────────────────────────┐   ┌─────────────────────────────┐
  │ Export the Data Report. │◄──│      Creating Dashboard     │
  └─────────────────────────┘   └─────────────────────────────┘
```