

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID00162
Project Name	Project - Estimate The Crop Yield Using Data Analytics
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Estimate The Crop Yield Using Data Analytics - To help farmers to visualize and to get more insights about crop production in India.
2.	Idea / Solution description	In this project we will be analyzing some important visualization, creating a dashboard and by going through these we will get most of the insights of Crop production in India using IBM Cognos platform.
3.	Novelty / Uniqueness	Create meaningful dashboard using features based on the dataset. Dashboard will adapt according to the dataset and different visualization can be performed for better insights.
4.	Social Impact / Customer Satisfaction	Crop production in India is one of the most important sources of income and India is one of the top countries to produce crops, through this project farmers can analyse and get to know the crop production in India.
5.	Business Model (Revenue Model)	Increase the crop production, farmers can use any devices like mobile to see and visualize the dashboard.
6.	Scalability of the Solution	Since all the analysis is running in the cloud the software and the dashboards are highly scalable by using the IBM Cognos platform.