

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

Date	26 September 2022
Team ID	PNT2022TMID13713
Project Name	Project - Estimated the crop field 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)	This project deals with the estimation of the crop yield in India based on the area, season, state something else to do.
2.	Idea / Solution description	#The data's can be visualized using IBM Cognos analytics in various methods. #Season with average production. #With year usage of area and production. #State with crop production . #State with crop production along with season.
3.	Novelty / Uniqueness	#The uniqueness present in our project is we can easily identify the crop yield based on the seasonal changes and based on the area. #Farmers can easily understand the crop sowing.
4.	Social Impact / Customer Satisfaction	From the public perception as worst impacts of present data visualization system which does not gave any additional impacts and they have faced many losses.
5.	Business Model (Revenue Model)	#It helps farmers to understand easily so that, the organization will earn profit by getting more responses and feedback. #We can digitally market because the bar, pie charts are easy to understand it reduces time for organization.
6.	Scalability of the Solution	#We can estimate the crop yield by season, area, and yearly production. #So, the farmers can easily predict the suitable crop.