

Project Design Phase-I
Proposed Solution Template

Date	26 September 2022
Team ID	PNT2022TMID38676.
Project Name	Exploratory Analysis of Rain Fall Data In India For Agriculture.
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)	How might we predict the rainfall with accuracy?
2.	Idea / Solution description	Once EDA is complete and insights are drawn, its features can then be used for more sophisticated data analysis or modelling, including machine learning.
3.	Novelty / Uniqueness	We are planning to add new feature. i.e. rainfall forecast for a particular period. This helps the farmers to plant the right crops at the right time.
4.	Social Impact / Customer Satisfaction	A good balance rainfall prediction helps proper irrigation. And it can lead to faster-growing plants, which can cut down on germination time and the length between seeding and harvest
5.	Business Model (Revenue Model)	Subscription based business model.
6.	Scalability of the Solution	The persistence forecasts are 60-70% accurate as well.