S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	 Heavy and irregular rainfall can have many impacts like destruction of crops and farming lands. Limited Food Access Unsustainable Agriculture Practices Leading to poor growth and overall health of crop
2.	Idea / Solution description	 NWP models are used as the primary tools for the prediction of irregular heavy rainfall events. We use the machine learning algorithm, as we can process big data and real-time data streams with mixed value types.
3.	Novelty / Uniqueness	 Easily predict the rainfall precipitation and other Earth observing datasets are used for tropical cyclones
4.	Social Impact / Customer Satisfaction	• It will help the farmers to take precautionary steps to minimize the losses and consider technological solutions to improve their production
5.	Business Model (Revenue Model)	Collaboration in agriculture-sectorProviding technological solution
6.	Scalability of the Solution	• it facilitates policy decisions regarding the cropping pattern, sowing date, construction of roads and providing drinking water to urban and rural