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-sector ● Providing 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