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| **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 |