TEAM ID   : PNT2022TMID18408

PROJECT NAME : APPLIED DATA SCIENCE-EXPLORATORY ANALYSIS OF RAINFALL DATA IN AGRICULTURE FOR INDIA.

PROBLEM - SOLUTION FIT:

1.CUSTOMR SEGMENT(S):

- Farmers
- Sale people
- Public

2.JOBS-TO-BE-DONE/PROBLEMS:

- Dryland agriculture

3.TRIGGERS:

- To create an innovation to predict the rainfall and weather to save agricultural crops.

4.EMOTIONS : BEFORE/AFTER:

- Lack of water available in dryland due to rainfall- Rainfall harvesting.

5.AVAILABLE SOLUTIONS:

- Data analytics
- Machine learning

6.CUSTOMERS CONSTRAINTS:

- Cost limitations
- Time limitations

7.BEHAVIOUR:

- Focuses on the nature of decision making by farmers and on the many influences which affect such decisions.

8.CHANNELS OF BEHAVIOUR:

1. ONLINE:
- E-Commerce for agriculture business
- Expanded customer base
2. OFFLINE:
- By visiting a farmer's market contact
- By newspapers or magazines

9.PROBLEM ROOT CAUSE:

- Climate changes
- Investments
- Biodiversity loss

10.OUR SOLUTION:

- Analyze the previous data can gives information about rainfall. Using data analytics and data science we predict the future data of rainfall.