

IDEA /APPROACH DETAILS

Ministry Name : National Jute Board, Min. Of Textiles.

Problem Statement : Cotton Price Prediction .

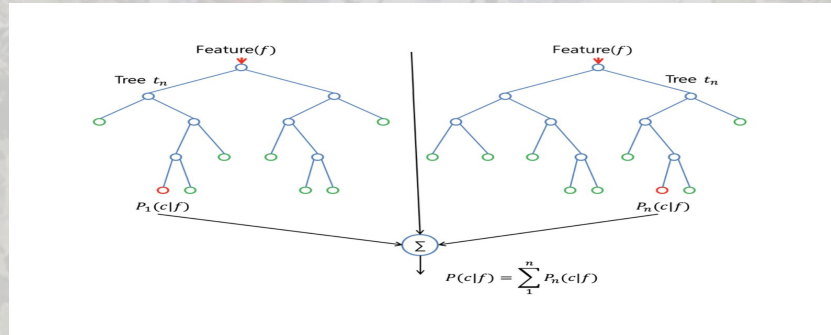
Team Name : Arjuna.

Team Leader Name : Kunal Kalia.

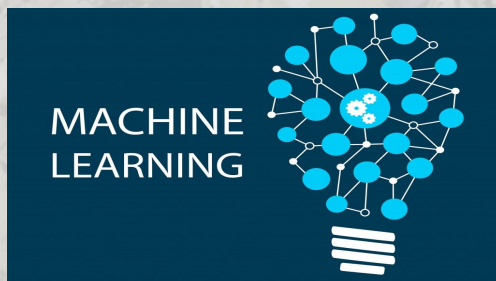
College Code :

OBJECTIVES

- To design a web app for Cotton Price Prediction using Machine Learning Algorithms.
- To help to predict the future market trend and according sales strategy so as to compete in the market and increase the volume of the corporation for sustainable growth.
- We will use **Random Forest Regression Algo.**



TECHNOLOGY STACKS



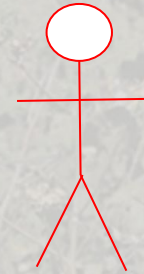
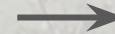
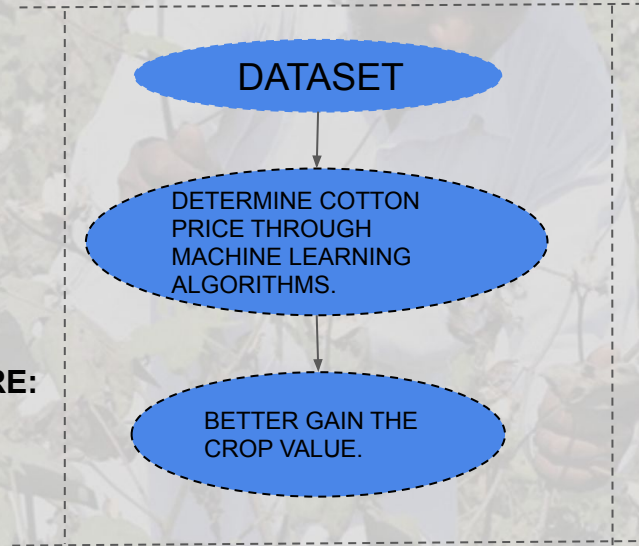
USE CASE DIAGRAM

SOFTWARE

INPUT
(PAST DATA)



IMPORTANT FEATURE:
US Dollar, Fiber
Tenacity and Oil Price.



PREDICTION:
Price of Cotton on the
available features.

DEPENDENCIES

	US Dollar	Temperature	Fertilizer per Hectare	Brightness	Yellowness	Oil Price	Price Of competing crop	Fiber Tenacity	Climate	State	Month
0	71.0	12	200	80	10.6	75.9	120	0.521	winter	Haryana	November
1	75.0	13	199	76	8.0	70.0	180	0.264	winter	Haryana	December
2	77.9	14	180	79	8.4	70.2	176	0.410	winter	Haryana	November
3	77.0	12	188	74	7.5	70.9	170	0.521	winter	Haryana	November
4	71.0	9	205	79	9.9	75.8	130	0.534	winter	Haryana	December
5	71.2	12	201	79	10.0	71.2	160	0.412	winter	Haryana	November
6	76.2	11	170	74	7.3	70.8	154	0.501	winter	Haryana	December
7	74.2	10	175	77	8.5	68.3	120	0.432	winter	Maharashtra	November
8	70.9	14	189	73	7.1	67.5	180	0.410	winter	Maharashtra	November
9	74.3	13	198	81	10.9	76.0	123	0.560	winter	Maharashtra	November
10	69.4	12	176	73	7.0	70.8	170	0.249	winter	Maharashtra	December



DATASET SHOWSTOPPER



**PREVENT FROM LOSING
THE PROFIT IN COTTON
BY GIVING BETTER
PRICE PREDICTION.**