

MINI-PROJECT

Group 2

October 27, 2017

ANALYSIS OF AGRICULTURE DATA

0.1 Group 2

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0.2 Name Of Task 3

Rainfall Prediction Using Decision Tree Algorithm

Task Given Date -3/Oct/2017

Submission Date -20/Oct/2017

0.2.1 Objectives

- What is the main goal of this algorithm?

To predict the conditions of the atmosphere for a given location

- Is it for classify the given dataset?

Using this algorithm it can classify the given dataset into multiple class

- How can we classify?

Can classify the datasets as moderate rainfall , medium and high rainfall locations

0.2.2 Algorithm

Input :Read the dataset for weather details

Output :Classify the dataset using decision tree algorithm

1. Start
2. Import the packages
3. Read the dataset
4. Split the dataset as train data and test data
5. Classify data to different classes
6. Repeatedly split datas until whole datas belong to a class
7. Stop

0.2.3 Role Of Team Members

Roles Assigned to each team members are;

- Scrum Master Aiswarya Raj conduct the meeting and create the algorithm and code analysis
- Aneena K Bijy and Heera T Mohan Search for code analyse working of used algorithm
- Juhi Jojo and Simi Jose Study the code and execute based on sample dataset

- Don C Alosious(Team Leader) Installation of packages and error checking validate code with training datas

0.2.4 Conclusion

Required packages are installed and task was partially completed with 65percent progress