Graduation Project Decision Tree Concept Phases

1-) Determine the correctitude level of sample cluster by using the co-relation between weighted mean/avarage and varians of samples.

→ First extract a small cluster from the entire data stack and check if the correctitude level is good for this cluster. Then check it for the entire data stack.

2-) Create a tree utilizing the probability and decision tree of Cahit Karakus documents

→ Define the dependent and independent variables

→

3-) Verify the correctitude levels of the results that the tree had given using gini index or information gain parameters.

Algorithm Steps of Decision Tree Creation

1) Read both Cahit Karakus's and "Sklearn" documents simultaneously in order to remember the point capture between concept and subject, sklearn

In this context;

⇒ check out your "Phase 2: Password Checker Function" Document and use the independent Variables which are there.

⇒ for the first variable search on Google if there are bird dates of the users in Active Directory concepts.

⇒ Create a password list that'll be used as data stack and the three variables will be its independent variables utilizing the "PASSWORD TYPES IN THE PASSWORD LIST" title.

2) After identify the dependent and independent variables, try to code the decision tree function utilizing the exercises in the document.

3) At the end of the function code block, verify the correctitude of tree using gini index or information gain.