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PROJECT TITLE Prediction of "Iris.csv" dataset for decision tree algorithm using supervise learning machine learning algorithm

PROBLEM STATEMENT: A American based botnical gardens a through iris flowers in there labs but using bio-technology in a single tree different type of variety flower is grow as data science Engineer find out how much acuracy is there all categories contians same spaceses

```
from sklearn.datasets import load iris
from sklearn.model selection import train test split
from sklearn.tree import DecisionTreeClassifier
from sklearn.metrics import accuracy score
# Load the Iris dataset
iris = load iris()
X = iris.data
y = iris.target
# Split the dataset into training and testing sets
X train, X test, y train, y test = train test split(X, y,
test size=0.2, random state=42)
# Create a Decision Tree classifier
decision tree = DecisionTreeClassifier()
# Train the classifier on the training data
decision tree.fit(X train, y train)
DecisionTreeClassifier()
# Make predictions on the test data
y pred = decision tree.predict(X test)
# Calculate accuracy
accuracy = accuracy_score(y_test, y_pred)
print(f"Accuracy: {accuracy:.2f}")
Accuracy: 1.00
```

conclusion: According to the conclusion the all species not contians same. But only some cases it is 1% of species