decision tree regression

# library link

<https://github.com/scikit-learn/scikit-learn/blob/main/sklearn/tree/_classes.py>

# basic description

The decision tree learning method is a commonly used methodology in data mining and aims to generate a model that predicts the value of the target variable based on several input variables.

<https://en.wikipedia.org/wiki/Decision_tree_learning>

# version

* NumPy >= 1.14.6 (pip install numpy)
* matplotlib == 3.22 (pip install matplotlib)
* sklearn == 1.0.2 (pip install sklearn)
* pandas >= 1.2.4 (pip install pandas)

# dataset

* Using Sklearn modules.(iris\_data)

# code description

* Create a decision tree using Sklearn's Decision Tree Classifier function.

# validation

* x