

9-dars

ML algorithms family

Linear

L-Regression

Logistik. R.

o'zida kichik do'ra
lar uchun yozish
ishlaydi.

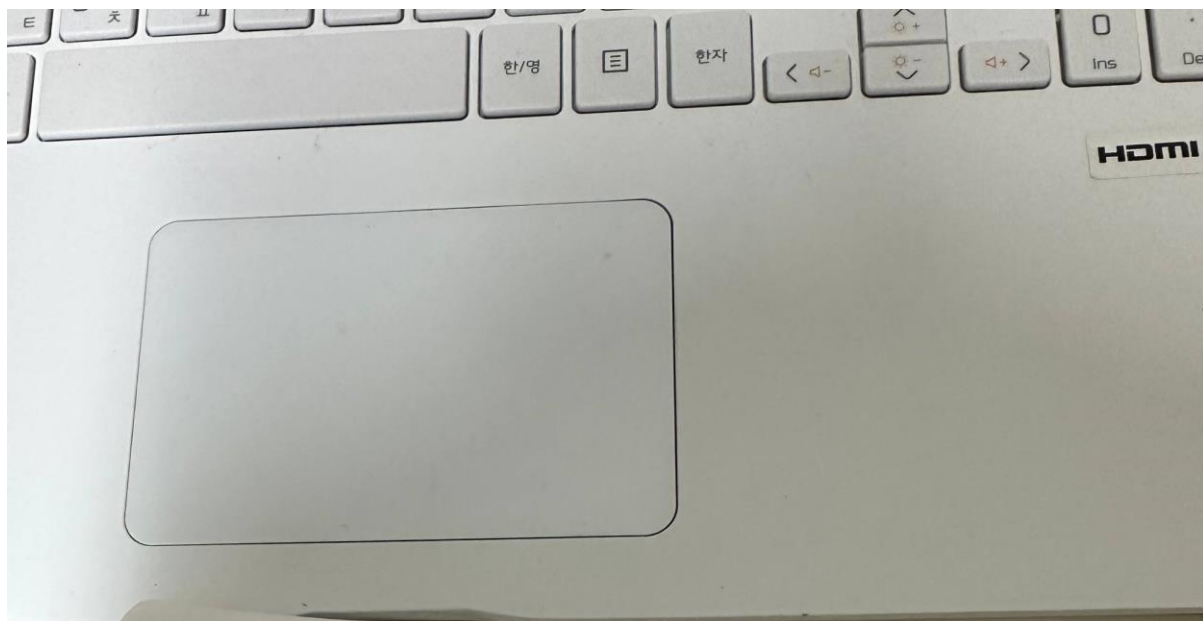
Tree Based

input qiymatlarini daraxt
joylaydi.

Decision tree

qiymatlarini
o'ziga qarab
javob topadi.

Random Forest



Distance - Based

KNN

SVM

Bir biriga
yaqinligiga
qarab javob
oladi

Ensemble

Random Forest

Gradient
Boost

Bir nechta
algoritmlar
bor

coding

Jupyter

chag'irish

→ from sklearn.preprocessing
import LabelEncoder

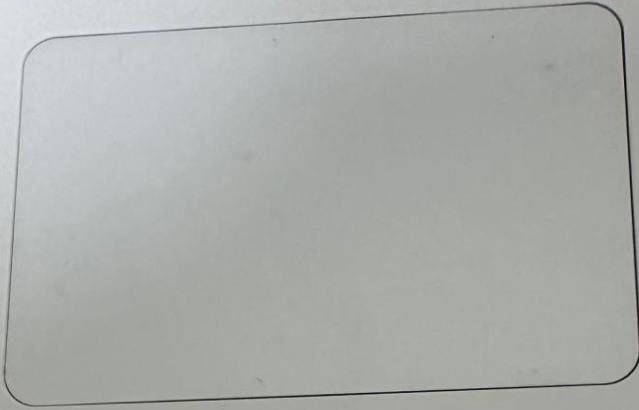
→ from sklearn.linear_model
import LinearRegression

→ from sklearn.tree import
DecisionTreeClassifier

→ from sklearn.ensemble
import RandomForestRegressor

Logistik regression
bosqichlari

- Data preprocessing (cleaning)
- X, y inputs va output targetni o



- splitting (train vs test)
- Training (fitting)
- Predicting
- Evaluating

independent

splitting (train vs test)

independent