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# -*- coding: utf-8 -*-
# 作者: wanglei5205
# ·邮箱: wanglei5205@126.com
# 代码: http://github.com/wanglei5205
# ·博客: http://cnblogs.com/wanglei5205
# 目的: 学习xgboost的plot importance函数
### Load module
import matplotlib.pyplot as plt
from sklearn.datasets import load_digits · · · · · · · · # · 载入数据
from sklearn.model_selection import train_test_split # 数据分割
### Load datasets
### data analysis
### data split ·
x_train,x_test,y_train,y_test = train_test_split(digits.data, ......
••••••digits.target,
### fit model for train set
model = XGBClassifier()
model.fit(x_train,y_train)
### make prediction for test data
y pred = model.predict(x test)
### model evaluate •
accuracy = accuracy_score(y_test,y_pred)
print("accuarcy: %.2f%%" % (accuracy*100.0))
### plot feature importance
fig,ax = plt.subplots(figsize=(15,15))
plot_importance(model,
•••••height=<mark>0.5</mark>,
····ax=ax,
************max_num_features=64)
plt.show()
95.0%
0.00
```