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『超実践アンサンブル機械学習』

(初版 第 1 刷) 正誤表

頁, 行数	誤	正
P.25, wls.py の 下から 1 行目	print est.summary()	print(est.summary())
P.30, quantreg.py の 下から 1 行目	print est.summary()	print(est.summary())
P.31, quantreg2.py の 下から 1 行目	print est.summary()	print(est.summary())
P.33, elasticnet.py の 下から 1 行目	print est.summary()	print(est.summary())

頁, 行数	誤	正
P.60, bagging_extra treesclass.py の 下から 11 行目	print clf1.score(x,y)	print(clf1.score(x,y))
P.60, bagging_extra treesclass.py の 下から 8 行目	print clf2.score(x,y)	print(clf2.score(x,y))

頁, 行数	誤	正
<p>p.66, credit_extra treesclass.py の 内容</p>	<pre> from math import * import pandas as pd import numpy as np from sklearn.ensemble import ExtraTreesClassifier data=pd.read_csv('red.csv') x=data[['fixed acidity','volatile acidity','citric acid', 'residual sugar','chlorides','free sulfur dioxide', 'total sulfur dioxide','density','pH','sulphates','alcohol']] y=data['quality'] clf=ExtraTreesClassifier(n_estimators=82, max_depth=None, min_samples_split=1, random_state=0) clf.fit(x,y) test=pd.read_csv('red_test.csv') x_test=test[['fixed acidity','volatile acidity','citric acid', 'residual sugar','chlorides','free sulfur dioxide', 'total sulfur dioxide','density','pH','sulphates','alcohol']] y_test=test['quality'] print(clf.score(x,y)) print(clf.feature_importances_) print(clf.score(x_test,y_test)) </pre>	<pre> from math import * import pandas as pd import numpy as np from sklearn.ensemble import ExtraTreesClassifier data=pd.read_csv('credit_train.csv') x=data[['LIMIT_BAL','SEX','EDUCATION','MARRIAGE','AGE', 'PAY_0','PAY_2','PAY_3','PAY_4','PAY_5','PAY_6','BILL_AMT1', 'BILL_AMT2','BILL_AMT3','BILL_AMT4','BILL_AMT5','BILL_AMT6', 'PAY_AMT1','PAY_AMT2','PAY_AMT3','PAY_AMT4','PAY_AMT5', 'PAY_AMT6']] y=data['default'] clf=ExtraTreesClassifier(n_estimators=200, max_depth=None,min_samples_split=1, random_state=0) clf.fit(x,y) print(clf.score(x,y)) print(clf.feature_importances_) test=pd.read_csv('credit_test.csv') x_test=test[['LIMIT_BAL','SEX','EDUCATION','MARRIAGE','AGE', 'PAY_0','PAY_2','PAY_3','PAY_4','PAY_5','PAY_6','BILL_AMT1', 'BILL_AMT2','BILL_AMT3','BILL_AMT4','BILL_AMT5','BILL_AMT6', 'PAY_AMT1','PAY_AMT2','PAY_AMT3','PAY_AMT4','PAY_AMT5', 'PAY_AMT6']] y_test=test['default'] print(clf.score(x_test,y_test)) </pre>

頁, 行数	誤	正
P.87, 下から1行目	\$ python cartoon.py jt.jpg t.jpg	\$ python cartoon.py yt.jpg t.jpg