

Rank_predict_2017

VIT_rank(prediction 2017) = 175

C:/Users/shubham b thorat/ML_VIT/ML_VIT - Spyder (Python 3.6)

File Edit Search Source Run Debug Consoles Projects Tools View Help

Editor - C:/Users/shubham b thorat/ML_VIT/ML_VIT/rank_oredict_2017.py

Project explorer

- ML_VIT
 - college_ranking.csv
 - data_preprocessing_1
 - Indian_college_ranking
 - Indian_college_ranking
 - Indian_college_ranking
 - Indian_college_ranking
 - indian_unver.py
 - my_data_structure.csv
 - Rain_prediction.csv
 - rank_oredict_2016.py
 - rank_oredict_2017.py
 - rank_predict_2018.py
 - test_0.py
 - test_1.py
 - test_2.py
 - tets_1.py
 - university_ranking.csv
 - VIT_data.csv

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu Jul 5 00:11:25 2018
4
5 @author: shubham b thorat
6 college rank prediction 2017
7 """
8
9 #importing libraries
10 import numpy as np
11 import pandas as pd
12 import matplotlib.pyplot as plt
13
14 #importing dataset
15 dataset = pd.read_csv("Indian_college_ranking_2017.csv")
16 dataset2 = pd.read_csv("VIT_data.csv")
17
18 X = dataset.iloc[:, :-1].values
19 Y = dataset.iloc[:, 5].values
20 X_VIT = dataset2.iloc[:, :].values
21
22 #splitting the dataset into training and testing dataset
23 from sklearn.model_selection import train_test_split
24 X_train, X_test, Y_train, Y_test = train_test_split(X, Y, test_size = .3, random_state
25
26 from sklearn.preprocessing import PolynomialFeatures
27 regressor = PolynomialFeatures(degree=4)
28 X_poly = regressor.fit_transform(X)
29
30 from sklearn.linear_model import LinearRegression
31 m_reg = LinearRegression()
32 m_reg.fit(X_poly, Y)
33
34 Y_pred = m_reg.predict(regressor.fit_transform(X_test))
35 Y_VIT = m_reg.predict(regressor.fit_transform(dataset2))
```

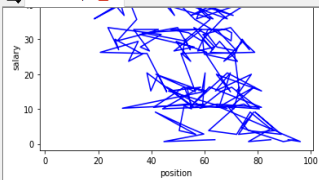
Variable explorer

Name	Type	Size	Value
Y	int64	(100,)	[62.02 4.12 48.34 60.6 ...]
Y_pred	float64	(30,)	[81. 85. 34. ..., 28. 47. 39.]
Y_test	int64	(30,)	[81 85 34 ..., 28 47 39]
Y_train	int64	(70,)	[68 100 55 ..., 73 13 38]
dataset	DataFrame	(100, 6)	Column names: TLR (100), RPC (100), GO (100), PERCEPTION (10 ...
dataset2	DataFrame	(1, 5)	Column names: TLR (100), RPC (100), GO (100), PERCEPTION (10 ...

Variable explorer | File explorer | Help

Python console

Console 1/1



In [105]: Y_VIT
Out[105]: array([117.9371196])

In [106]: runfile('C:/Users/shubham b thorat/ML_VIT/ML_VIT/rank_predict_2018.py', wdir='C:/Users/shubham b thorat/ML_VIT/ML_VIT')

In [107]: Y_VIT
Out[107]: array([117.9371196])

In [108]: runfile('C:/Users/shubham b thorat/ML_VIT/ML_VIT/rank_oredict_2017.py', wdir='C:/Users/shubham b thorat/ML_VIT/ML_VIT')

In [109]:

Python console | History log

Permissions: RW | End-of-lines: CRLF | Encoding: UTF-8 | Line: 12 | Column: 1

