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|  | Import panda as pd  import numpy as np |
|  | from sklearn import decomposition |
|  | import matplotlib.pyplot as plt  dataset = pd.read\_csv("Student\_DataSet.csv")  df.info  df.head |
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| Data=dataset.iloc[:,:1].values | |
|  | | label = dataset.iloc[:,-1].values | | | |
|  | | len(data[0]) | | | |
|  | | Dataset.iloc[:,14:38] | | | |
|  | | Dataset.iloc[:,14:38] | | | |
|  | |  | | | |
| from sklearn.preprocessing import LabelEncoder, OneHotEncoder | | | |
| Labelencoder=LabelEncoder()xa=0.813664 | | | |  |
|  | | | |  |
| sklearn.preprocessing import Normalizer | |
|  | | data1=data[:,:14] | | | |
|  | | normalized\_data = Normalizer().fit\_transform(data1) | | | |
|  | | print(normalized\_data.shape) | | | |
|  | | da=0.8383 | | | |
|  | | normalized\_data | | | |
|  | | data2=data[:,14:] | | | |
|  | | data2.shape | | | |
|  | | df1 = np.append(normalized\_data,data2,axis=1) | | | |
|  | | sa=0.8516 | | | |
|  | | df1.shape | | | |