SmallSEOTools

PLAGIARISM SCAN REPORT

Words	268	Date	October 31,2020
Characters	2245	Exclude URL	

80%	20%	4	1
Plagiarism	Unique	Plagiarized Sentences	Unique Sentences

Content Checked For Plagiarism

```
import pandas as pd
#load data
data = pd.read_csv("WPRWeekly_2.csv")
data.head()
import matplotlib.pyplot as plt
X = data["State/UT"]
Y = data["Rural Male + Urban Male + Rural Female + Urban Female"]
plt.scatter(X, Y, label="stars", color="red",
marker="1", s=30)
plt.title("Scatter Plot")
plt.xlabel("States")
plt.ylabel("Count")
plt.show()
import matplotlib.pyplot as plt
X = data["State/UT"]
Y = data["Rural Male + Urban Male + Rural Female + Urban Female"]
plt.bar(X,Y,color="purple")
plt.title("Scatter Plot")
plt.xlabel("States")
plt.ylabel("Count")
plt.show()
from pathlib import Path
data.hist(column="Rural Male + Urban Male + Rural Female + Urban Female")
plt.title('Histogram')
plt.xlabel("X axis")
plt.ylabel("Y axis")
plt.show()
import matplotlib.pyplot as plt
X = data["State/UT"]
Y = data["Rural Male + Urban Male + Rural Female + Urban Female"]
plt.plot(X, Y,marker="o",linestyle="-.",color="green")

plt.title("line Plot")
plt.xlabel("States")
plt.ylabel("Count")
plt.show()
```

```
import matplotlib.pyplot as plt
import pandas as pd
data = pd.read_csv("WPRWeekly_2.csv")
States = data["State/UT"]
Rural_Male= data["Rural Male"]
Urban_Male= data["Urban Male"]
Rural_Female = data["Rural Female"]
Urban_Female = data["Urban Female"]
plt.plot([],[], color='y', label = 'Rural_Male')
plt.plot([],[], color='r', label = 'Urban_Male')
plt.plot([],[], color='b', label = 'Rural_Female')
plt.plot([],[], color='g', label = 'Urban_Female')
plt.stackplot(States, Rural_Male, Urban_Male, Rural_Female, Urban_Female, colors = ['y','r','b','y'])
plt.legend()
plt.title('Counts of all four class')
plt.xlabel('State')
plt.ylabel('Rural Male + Urban Male + Rural Female + Urban Female')
plt.show()
import matplotlib as pyplot
import numpy as np
data = pd.read_csv("WPRWeekly_2.csv")
data.boxplot()
plt.title("box Plot")
plt.xlabel("States")
plt.ylabel("Count")
plt.show()
```

Sources	Similarity
Radian - Reference manual - Categorical data the bars appear in the order (male,urban), (male,rural), (female,urban), (female,rural), i.e. the first element in each zipped data item varies slowest. grouping behaviour is enabled by setting the group-x attribute to the count of data levels that should be grouped together. http://openbrainsrc.github.io/Radian/ref-manual/03-categorical-data.html	75%
Визуализация данных в pandas для начинающих Только нужно заметить, что метод hist имеет аргументом column, в которую передается необходимый столбец. Не указав его, pandas построит гистограммы для всех числовых атрибутов. Данная гистограмма выглядит вот так https://python-school.ru/data-vizualization-basic-pandas/	25%