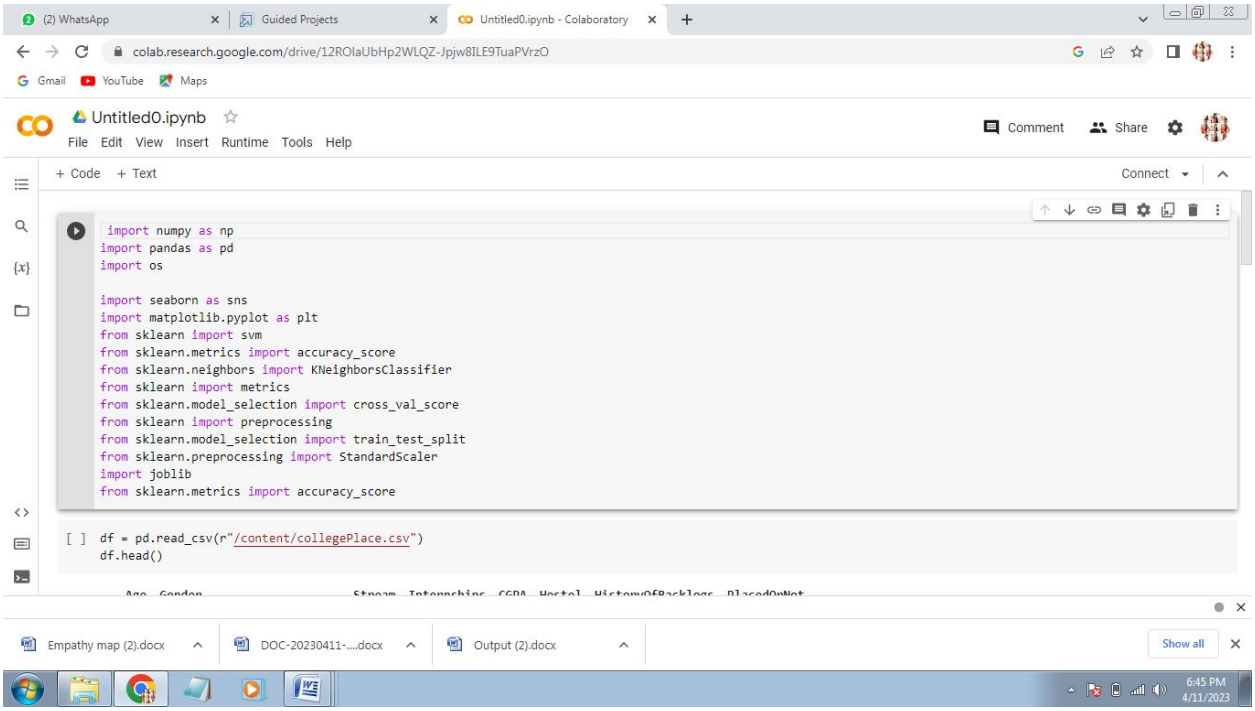
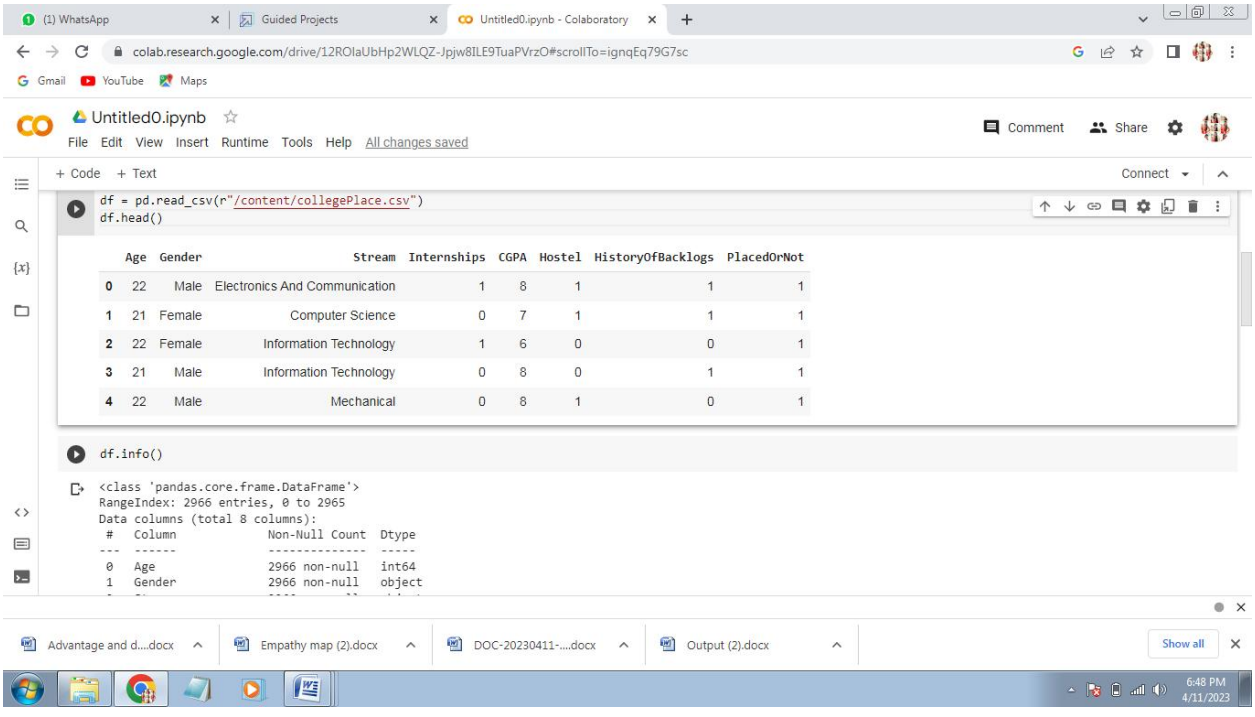
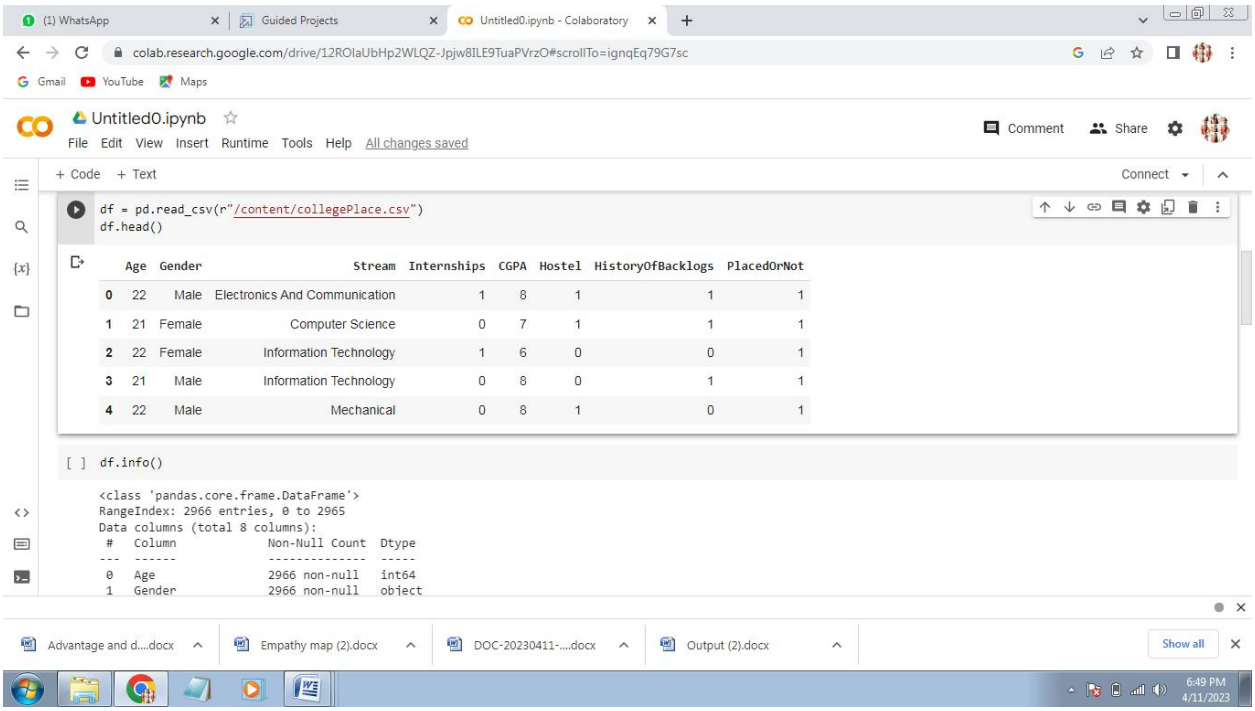
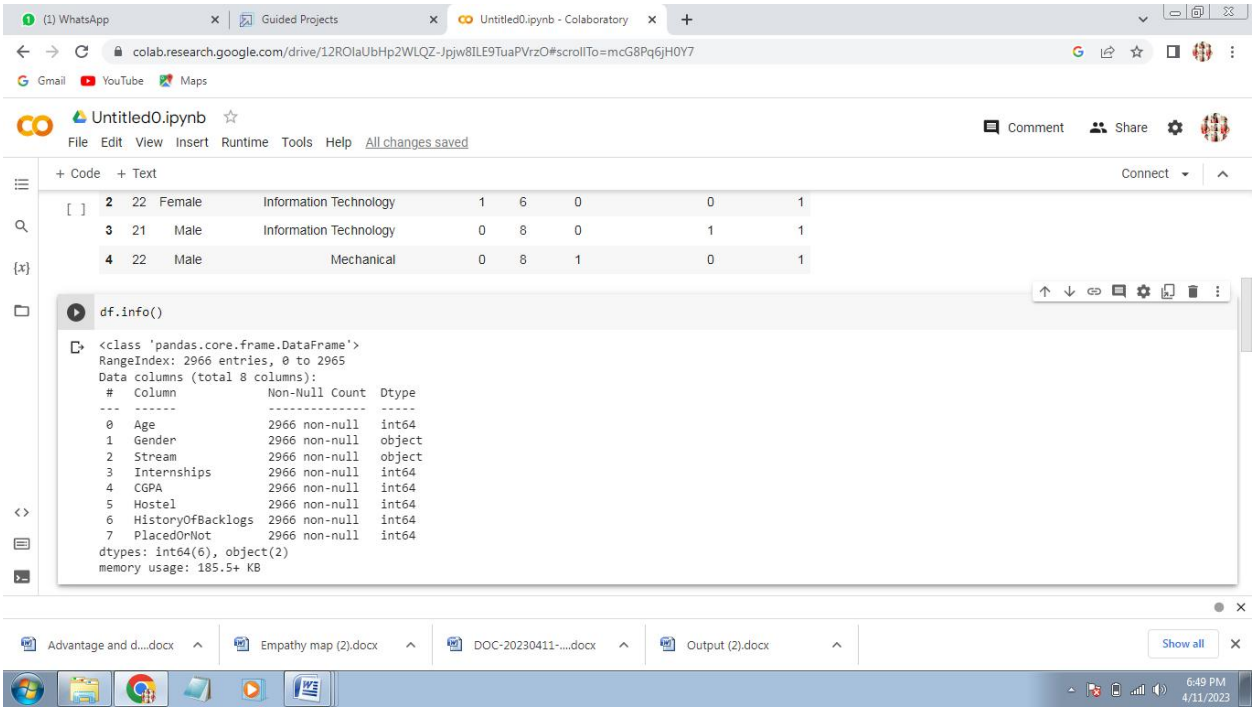
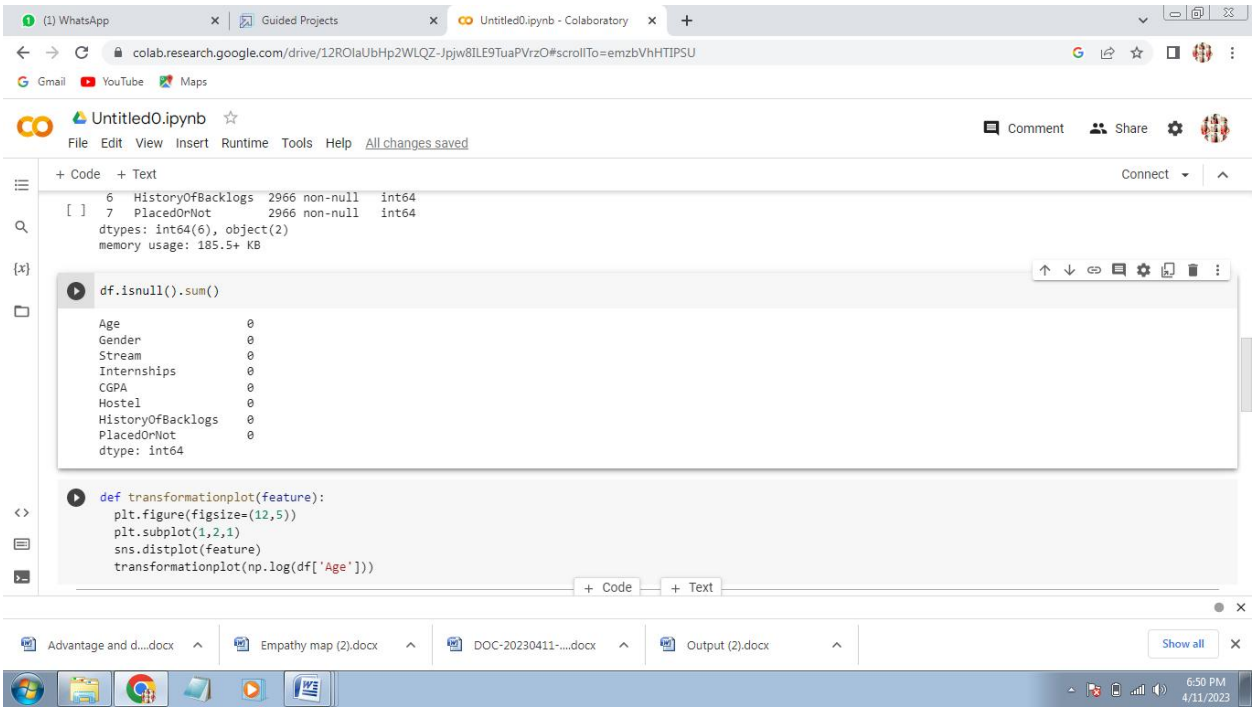

(2) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROIaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help
Comment
Share
+ Code + Text
Connect
import numpy as np
import pandas as pd
import os
import seaborn as sns
import matplotlib.pyplot as plt
from sklearn import svm
from sklearn.metrics import accuracy_score
from sklearn.neighbors import KNeighborsClassifier
from sklearn import metrics
from sklearn.model_selection import cross_val_score
from sklearn import preprocessing
from sklearn.model_selection import train_test_split
from sklearn.preprocessing import StandardScaler
import joblib
from sklearn.metrics import accuracy_score
[ ] df = pd.read_csv(r"/content/collegePlace.csv")
df.head()
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:45 PM
4/11/2023

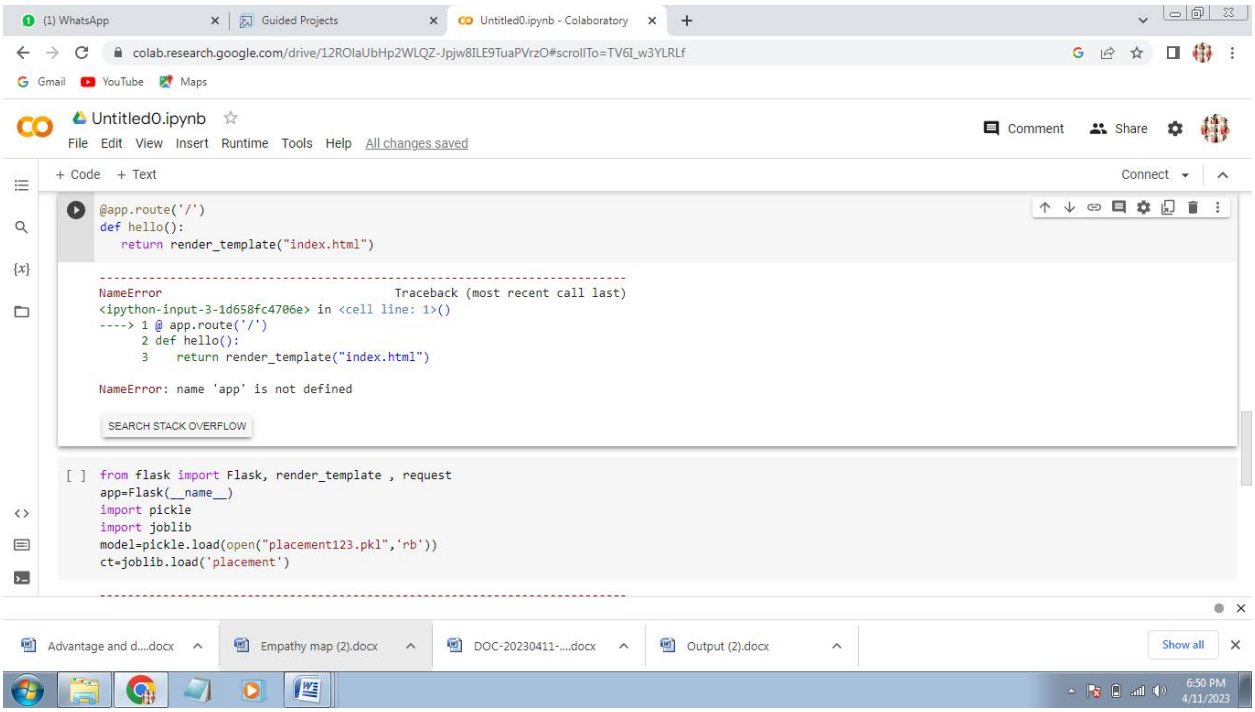

(1) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROIaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=ignqEq79G7sc
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
+ Code + Text
Connect
df = pd.read_csv(r"/content/collegePlace.csv")
df.head()
Age Gender Stream Internships CGPA Hostel HistoryOfBacklogs PlacedOrNot
0 22 Male Electronics And Communication 1 8 1 1 1
1 21 Female Computer Science 0 7 1 1 1
2 22 Female Information Technology 1 6 0 0 1
3 21 Male Information Technology 0 8 0 1 1
4 22 Male Mechanical 0 8 1 0 1
df.info()
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2966 entries, 0 to 2965
Data columns (total 8 columns):
Column Non-Null Count Dtype
0 Age 2966 non-null int64
1 Gender 2966 non-null object
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:48 PM
4/11/2023

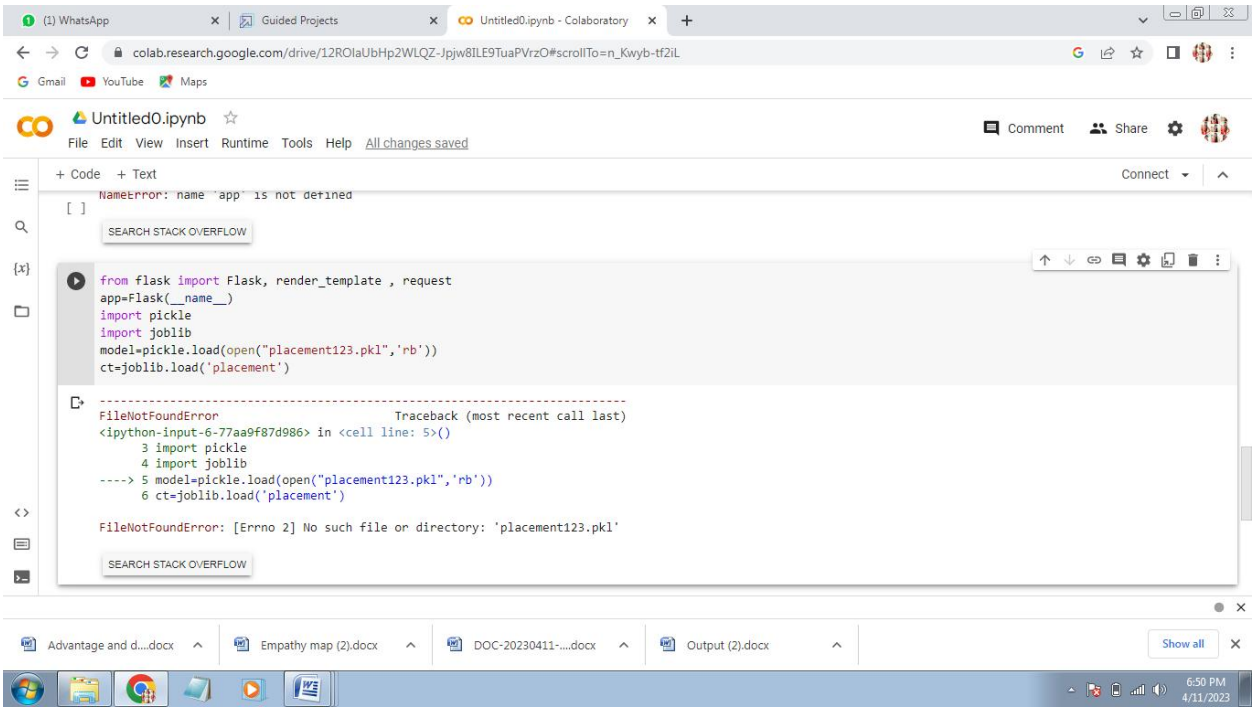

(1) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROlaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=ignqEq79G7sc
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
+ Code + Text
Connect
df = pd.read_csv(r"/content/collegePlace.csv")
df.head()
Age Gender Stream Internships CGPA Hostel HistoryOfBacklogs PlacedOrNot
0 22 Male Electronics And Communication 1 8 1 1 1
1 21 Female Computer Science 0 7 1 1 1
2 22 Female Information Technology 1 6 0 0 1
3 21 Male Information Technology 0 8 0 1 1
4 22 Male Mechanical 0 8 1 0 1
[ ] df.info()
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2966 entries, 0 to 2965
Data columns (total 8 columns):
Column Non-Null Count Dtype
--- ------ -------------- -----
0 Age 2966 non-null int64
1 Gender 2966 non-null object
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:49 PM
4/11/2023

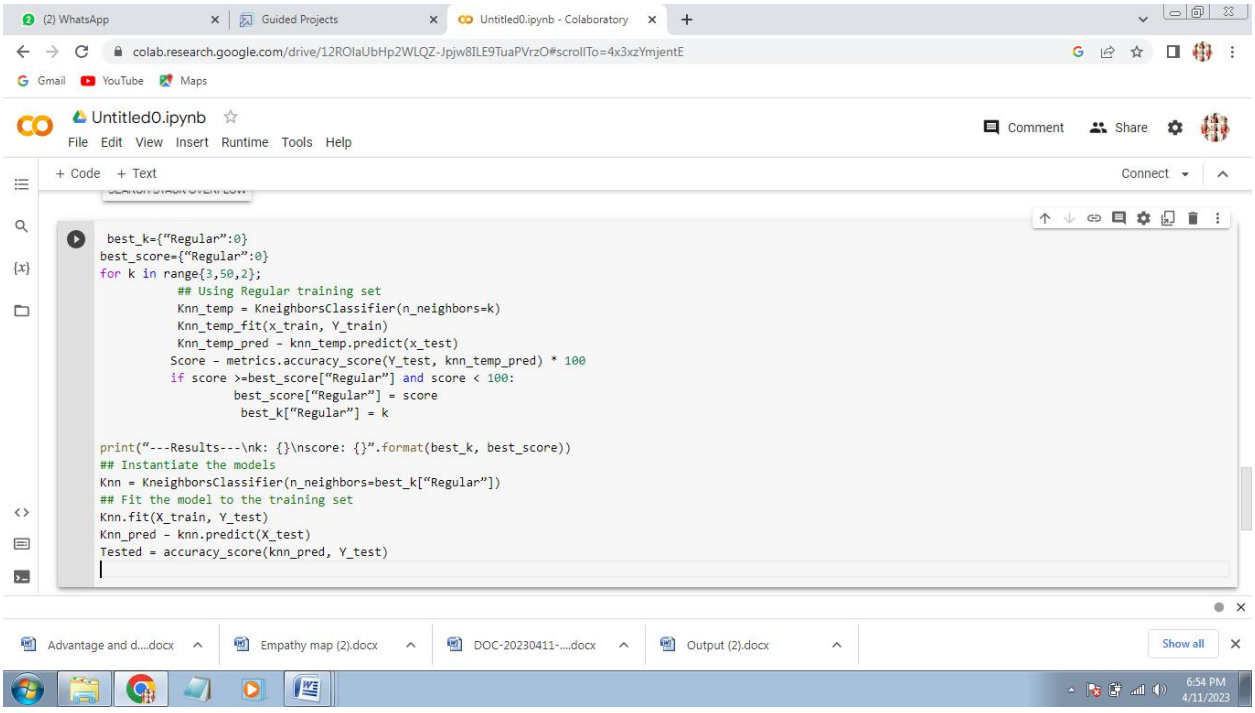
Output:


(1) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROlaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=mcG8Pq6jH0Y7
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
+ Code + Text
Connect
[ ] 2 22 Female Information Technology 1 6 0 0 1
3 21 Male Information Technology 0 8 0 1 1
4 22 Male Mechanical 0 8 1 0 1
df.info()
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 2966 entries, 0 to 2965
Data columns (total 8 columns):
Column Non-Null Count Dtype
--- ------ -------------- -----
0 Age 2966 non-null int64
1 Gender 2966 non-null object
2 Stream 2966 non-null object
3 Internships 2966 non-null int64
4 CGPA 2966 non-null int64
5 Hostel 2966 non-null int64
6 HistoryOfBacklogs 2966 non-null int64
7 PlacedOrNot 2966 non-null int64
dtypes: int64(6), object(2)
memory usage: 185.5+ KB
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:49 PM
4/11/2023


(1) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROIaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=emzbVhHTIPSU
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
Connect
+ Code + Text
6 HistoryOfBacklogs 2966 non-null int64
7 PlacedOrNot 2966 non-null int64
dtypes: int64(6), object(2)
memory usage: 185.5+ KB
df.isnull().sum()
Age 0
Gender 0
Stream 0
Internships 0
CGPA 0
Hostel 0
HistoryOfBacklogs 0
PlacedOrNot 0
dtype: int64
def transformationplot(feature):
plt.figure(figsize=(12,5))
plt.subplot(1,2,1)
sns.distplot(feature)
transformationplot(np.log(df['Age']))
+ Code + Text
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:50 PM
4/11/2023

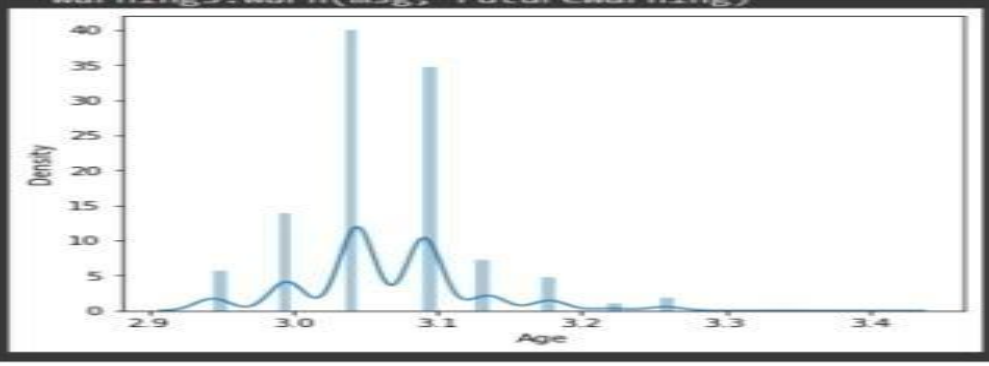

(1) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROIaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=TV6I_w3YLRLf
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
Connect
+ Code + Text
@app.route('/')
def hello():
return render_template("index.html")
NameError Traceback (most recent call last)
<ipython-input-3-1d658fc4706e> in <cell line: 1>()
----> 1 @app.route('/')
2 def hello():
3 return render_template("index.html")
NameError: name 'app' is not defined
SEARCH STACK OVERFLOW
from flask import Flask, render_template , request
app=Flask(__name__)
import pickle
import joblib
model=pickle.load(open("placement123.pkl",'rb'))
ct=joblib.load('placement')
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:50 PM
4/11/2023


(1) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROIaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=n_Kwyb-tf2iL
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
+ Code + Text
Connect
NameError: name 'app' is not defined
SEARCH STACK OVERFLOW
from flask import Flask, render_template , request
app=Flask(__name__)
import pickle
import joblib
model=pickle.load(open("placement123.pkl",'rb'))
ct=joblib.load('placement')
FileNotFoundError Traceback (most recent call last)
<ipython-input-6-77aa9f87d986> in <cell line: 5>()
3 import pickle
4 import joblib
----> 5 model=pickle.load(open("placement123.pkl",'rb'))
6 ct=joblib.load('placement')
FileNotFoundError: [Errno 2] No such file or directory: 'placement123.pkl'
SEARCH STACK OVERFLOW
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:50 PM
4/11/2023


(2) WhatsApp
Guided Projects
Untitled0.ipynb - Colaboratory
colab.research.google.com/drive/12ROIaUbHp2WLQZ-Jpjw8ILE9TuaPVrzO#scrollTo=4x3xzYmjentE
Gmail
YouTube
Maps
Untitled0.ipynb
File Edit View Insert Runtime Tools Help
Comment
Share
+ Code + Text
Connect
best_k={"Regular":0}
best_score={"Regular":0}
for k in range{3,50,2};
Using Regular training set
Knn_temp = KneighborsClassifier(n_neighbors=k)
Knn_temp_fit(x_train, Y_train)
Knn_temp_pred - knn_temp.predict(x_test)
Score - metrics.accuracy_score(Y_test, knn_temp_pred) * 100
if score >=best_score["Regular"] and score < 100:
best_score["Regular"] = score
best_k["Regular"] = k
print("---Results---\nk: {}\nscore: {}".format(best_k, best_score))
Instantiate the models
Knn = KneighborsClassifier(n_neighbors=best_k["Regular"])
Fit the model to the training set
Knn.fit(X_train, Y_test)
Knn_pred - knn.predict(X_test)
Tested = accuracy_score(knn_pred, Y_test)
Advantage and d....docx
Empathy map (2).docx
DOC-20230411-....docx
Output (2).docx
Show all
6:54 PM
4/11/2023

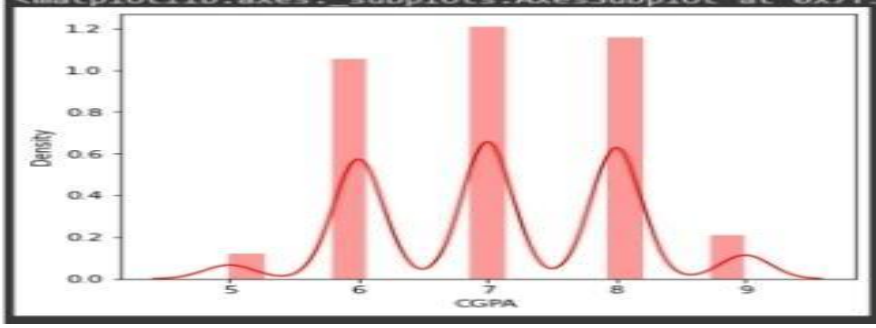
```
def transformationplot(feature):
    plt.figure(figsize=(12,5))
    plt.subplot(1,2,1)
    sns.distplot(feature)

transformationplot(np.log(df['Age']))
```

```
/usr/local/lib/python3.8/dist-packages/seaborn/distribut
  warnings.warn(msg, FutureWarning)
```



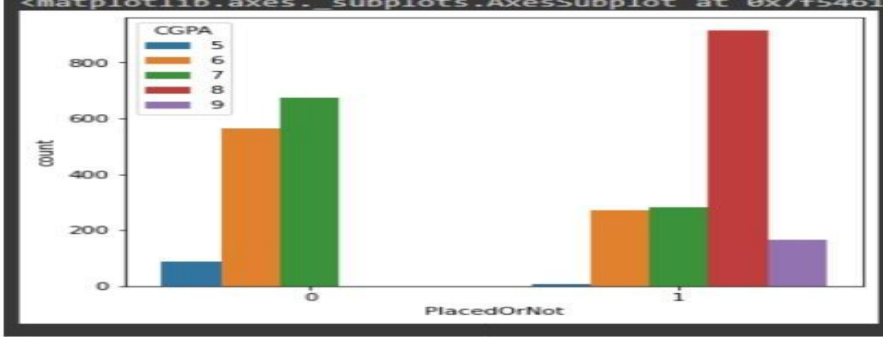

```
plt.figure(figsize=(12,5))
plt.subplot(121)
sns.distplot(df['CGPA'],color='r')
```

```
/usr/local/lib/python3.8/dist-packages/seaborn/distributions.py:261
  warnings.warn(msg, FutureWarning)
<matplotlib.axes._subplots.AxesSubplot at 0x7f5463e50d00>
```



```
plt.figure(figsize=(20,5))
plt.subplot(131)
sns.countplot(df["PlacedOrNot"],hue=df['CGPA'])
```

```
/usr/local/lib/python3.8/dist-packages/seaborn/_decorators.py:36: Futur
  warnings.warn(
<matplotlib.axes._subplots.AxesSubplot at 0x7f5461cf85b0>
```




```
plt.figure(figsize=(18,4))
plt.subplot(1,4,1)
sns.countplot(data['Gender'])
plt.subplot(1,4,2)
sns.countplot(data['Education'])
plt.show()
```