

NATIONAL UNIVERSITY OF MODERN LANGUAGES
ISLAMABAD



Data Mining(Lab Task 02)

Lab Task: 02

Submitted to

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Submitted By

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Code

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

#To ignore all the warnings
import warnings
warnings.filterwarnings("ignore")

train_data = pd.read_csv(r'C:\Users\Adeel\Downloads\train.csv')
train_data.sample(5)

# Plot graphs show skewness of survived, Pclass, Age, SibSp, Parch, Fare

plt.figure(figsize=(20,15))
plt.subplot(3,3,1)
sns.distplot(train_data['Survived'])
plt.subplot(3,3,2)
sns.distplot(train_data['Pclass'])
plt.subplot(3,3,3)
sns.distplot(train_data['Age'])
plt.subplot(3,3,4)
sns.distplot(train_data['SibSp'])
plt.subplot(3,3,5)
sns.distplot(train_data['Parch'])
plt.subplot(3,3,6)
sns.distplot(train_data['Fare'])
plt.show()
```

	PassengerId	Survived	Pclass	Name	Gender	Age	SibSp	ParCh	Ticket	Fare	Cabin	Embarked
658	659	0	2	Eitemiller, Mr. George Floyd	male	23.0	0	0	29751	13.0000	NaN	S
9	10	1	2	Nasser, Mrs. Nicholas (Adele Achem)	female	14.0	1	0	237736	30.0708	NaN	C
493	494	0	1	Artagaveytia, Mr. Ramon	male	71.0	0	0	PC17609	49.5042	NaN	C
199	200	0	2	Yrois, Miss. Henriette ("Mrs Harbeck")	female	24.0	0	0	248747	13.0000	NaN	S
136	137	1	1	Newson, Miss. Helen Monypenny	female	19.0	0	2	11752	26.2833	D47	S

