In [ ]:
```
import pandas as pd
import numpy as np
```

In [ ]:
```
data=pd.read_csv("D:\\Workshops\\W 15 - Data Science Masterclass\\Data\\GPA_data.CSV")
data.head()
```

Creating dummy variables using pandas library

Convert the categorical variables into dummy variables using get_dummies function

In [ ]:
```
df=pd.get_dummies(data[["Gender","Extra_Curricular"]])
df.head()
```

Dummy Trapping (Removing one level from each categorical variable)

In [ ]:
```
df.drop(["Gender_Female","Extra_Curricular_No"],axis=1,inplace=True)
df.head()
```

Now this dummy data frame can be merged with oroginal data frame

In [ ]:
```
data_new=pd.concat([data,df],axis=1)
data_new.head()
```

Original categorical variables can be removed now

In [ ]:
```
data_new.drop(["Gender","Extra_Curricular"],axis=1,inplace=True)
data_new.head() #This data frame can be used for further processes
```

Now the other processes can be performed to this data frame