

Import and Mount the Drive

```
import os, sys
from google.colab import drive
drive.mount('/content/drive') // To mount google drive on google Colab
os.chdir("/content/drive/My Drive/Colab Notebooks")//Setting your working directory to Google Drive in a Colab notebook
sys.path.append("/content/drive/My Drive/Colab Notebooks")//
```

```
File "<ipython-input-1-cad5ab224585>", line 3
  drive.mount('/content/drive') // To mount google drive on google Colab
      ^
```

SyntaxError: invalid syntax

Next steps: [Fix error](#)

Import Libraries

```
import numpy as np
import pandas as pd
```

Read the dataset

```
dataset=pd.read_csv('SD.csv')
```

```
dataset
```

```
X = dataset.iloc[:, 0:1].values
y = dataset.iloc[:, 1:2].values
```

```
X
```

```
array([[ 1.1],
       [ 1.3],
       [ 1.5],
       [ 2. ],
       [ 2.2],
       [ 2.9],
       [ 3. ],
       [ 3.2],
       [ 3.2],
       [ 3.7],
       [ 3.9],
       [ nan],
       [ 4. ],
       [ 4.1],
       [ 4.5],
       [ 4.9],
       [ 5.1],
       [ 5.3],
       [ 5.9],
       [ 6. ],
       [ 6.8],
       [ 7.1],
       [ 7.9],
       [ 8.2],
       [ 8.7],
       [ 9. ],
       [ 9.5],
       [ 9.6],
       [10.3],
       [10.5]])
```

```
y
```

```
from sklearn.impute import SimpleImputer
imputer=SimpleImputer(missing_values=np.NaN,strategy='mean')
imputer1=imputer.fit_transform(X)
imputer2=imputer.fit_transform(y)
```

```
imputer1
```

```
imputer2
```

```
dataset1=pd.read_csv('50_Startups.csv')
```

```
dataset1
```

```
X1 = dataset1.iloc[:, :-1].values  
de = dataset1.iloc[:, 3:4].values
```

```
X1
```

```
de
```

```
from sklearn.preprocessing import OneHotEncoder  
ohe=OneHotEncoder()  
p=ohe.fit_transform(de).toarray()
```

```
p
```