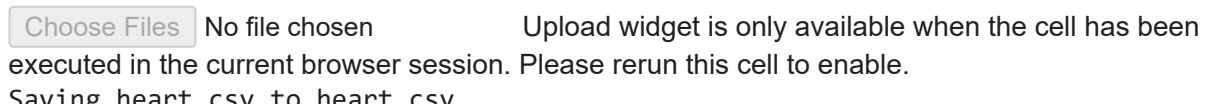
```
 import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
```

```
from google.colab import files
```

```
uploaded = files.upload()
```




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

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

```
from sklearn.model_selection import train_test_split
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size = 0.2, random_state =
```

```
from sklearn.preprocessing import StandardScaler
sc = StandardScaler()
X_train = sc.fit_transform(X_train)
X_test = sc.transform(X_test)
```

```
from sklearn.neural_network import MLPClassifier
classifier = MLPClassifier(hidden_layer_sizes = (100, 100, 100), max_iter = 10000)
classifier.fit(X_train, y_train)
```

```
     MLPClassifier(hidden_layer_sizes=(100, 100, 100), max_iter=10000)
```

```
y_pred = classifier.predict(X_test)
```

```
from sklearn.metrics import confusion_matrix
cm = confusion_matrix(y_test, y_pred)
```

```
from sklearn.metrics import accuracy_score
accuracy_score(y_test, y_pred)
```

```
     0.8360655737704918
```