In [6]:
```python
import pandas as pd
from sklearn.datasets import load_iris
```

In [7]:
```python
data = load_iris()
```

In [18]:
```python
df = pd.DataFrame(data.data, columns=data.feature_names , )
```

In [19]:
```python
df.head()
```

Out[19]:

	sepal length (cm)	sepal width (cm)	petal length (cm)	petal width (cm)
0	5.1	3.5	1.4	0.2
1	4.9	3.0	1.4	0.2
2	4.7	3.2	1.3	0.2
3	4.6	3.1	1.5	0.2
4	5.0	3.6	1.4	0.2

In [ ]:

In [20]:
```python
df.shape
```

Out[20]: (150, 4)

In [21]:
```python
df.isna().sum()
```

Out[21]:
```
sepal length (cm)    0
sepal width (cm)     0
petal length (cm)    0
petal width (cm)     0
dtype: int64
```

In [27]:
```python
from sklearn.model_selection import train_test_split
x = df[data.feature_names]
y = data.target
x_train,x_test,y_train,y_test = train_test_split(x,y,random_state=2,test_size=0.2)
```

In [30]:
```python
from sklearn.linear_model import LogisticRegression
reg = LogisticRegression()
reg.fit(x_train,y_train)
y_pred = reg.predict(x_test)
```

In [32]:
```python
from sklearn.metrics import accuracy_score, confusion_matrix
accuracy_score(y_pred,y_test)
```

Out[32]: 0.9666666666666667

In [ ]:

In [ ]: