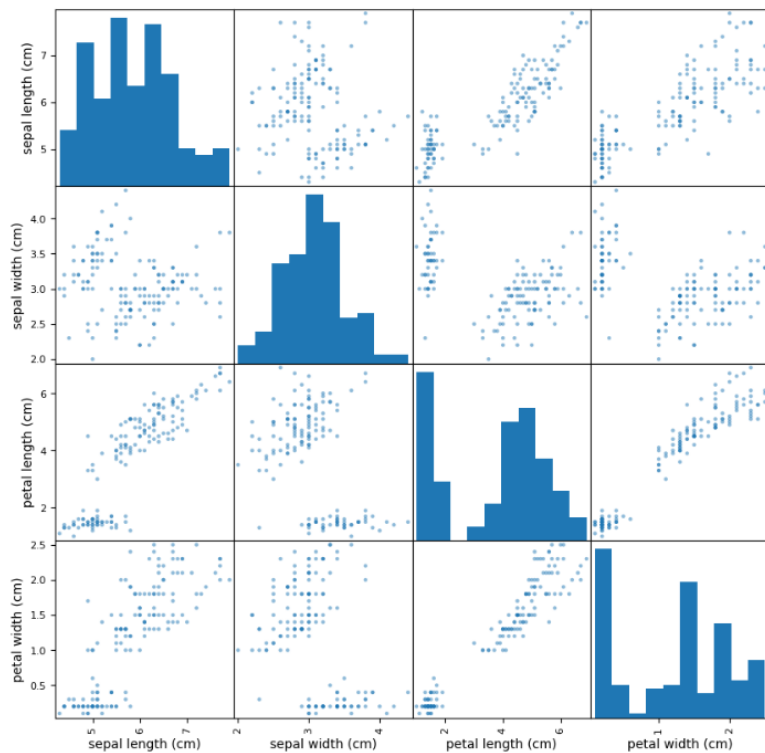


```

import numpy
import scipy
import matplotlib.pyplot as plt
import seaborn as sc
import sklearn
import pandas as pd
from sklearn.datasets import load_iris
iriss = load_iris()
df_iris = pd.DataFrame(iriss.data, columns=iriss.feature_names)
print(df_iris)
df_iris.dtypes
print(df_iris.head().to_string(index=False))
from pandas.plotting import scatter_matrix
import matplotlib.pyplot as plt
scatter_matrix(df_iris,figsize=(10,10))
plt.show()

```



	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
..
145	6.7	3.0	5.2	2.3
146	6.3	2.5	5.0	1.9
147	6.5	3.0	5.2	2.0
148	6.2	3.4	5.4	2.3
149	5.9	3.0	5.1	1.8

[150 rows x 4 columns]

```
[4]: sepal length (cm)    float64
      sepal width (cm)    float64
      petal length (cm)   float64
      petal width (cm)    float64
      dtype: object
```

```
[6]: print(df_iris.head().to_string(index=False))
```

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