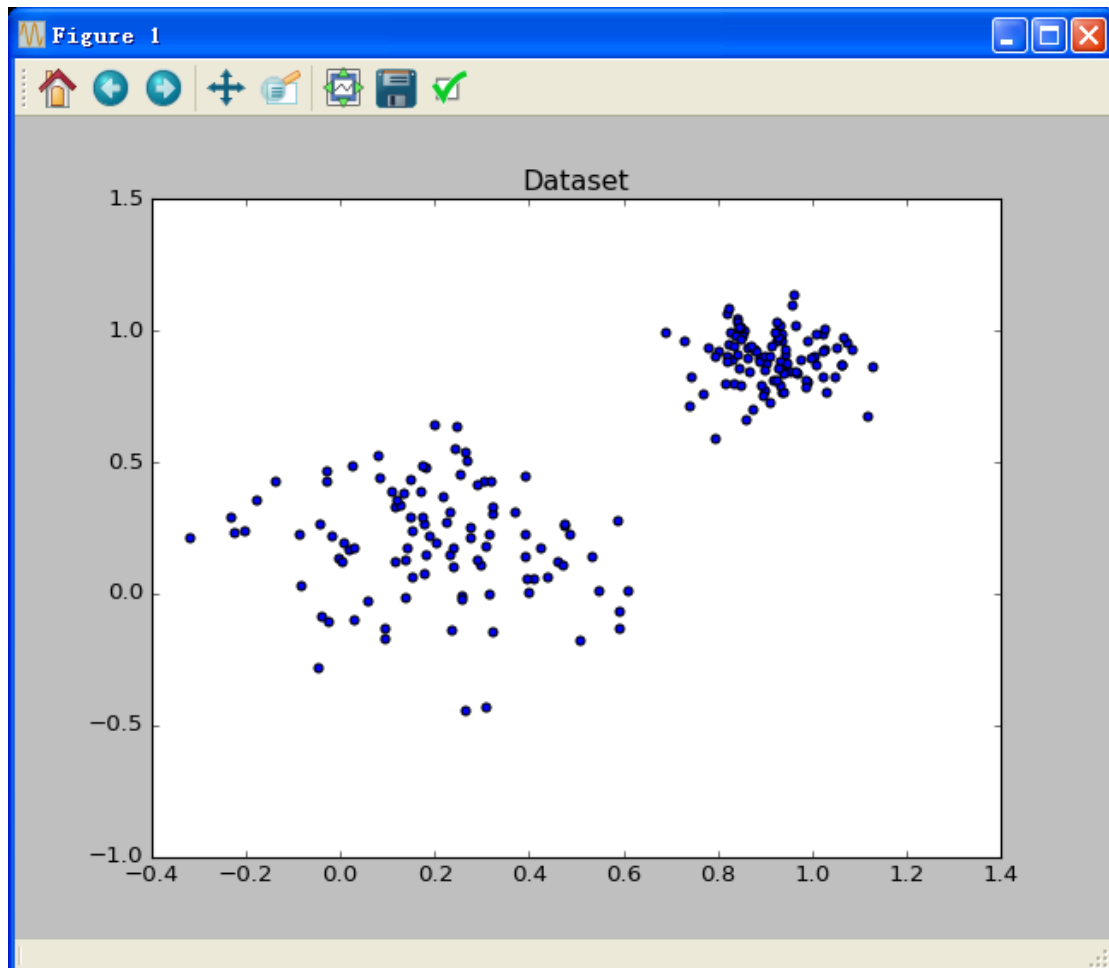


## KMeans 演示

```
from sklearn.cluster import KMeans
from sklearn.metrics import silhouette_score
import numpy as np
import matplotlib.pyplot as plt

# 构造数据集, 分别来自两个正态总体
X1 = np.random.normal(loc=0.2, scale=0.2, size=(100, 100))
X2 = np.random.normal(loc=0.9, scale=0.1, size=(100, 100))
X = np.r_[X1, X2]

plt.figure(1)
plt.title("Dataset")
plt.scatter(X[:, 0], X[:, 1])
plt.show()
```



```
# 聚类个数 k = 2/3/4/5
ss_list = []
```



