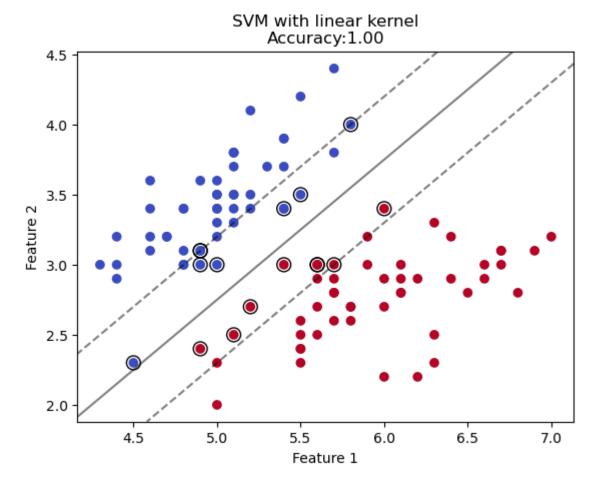
```
In [16]: import numpy as np
         import matplotlib.pyplot as plt
         from sklearn import datasets
         from sklearn.svm import SVC
         from sklearn.model_selection import train_test_split
         from sklearn.metrics import accuracy_score
In [17]: iris=datasets.load_iris()
In [18]: x=iris.data[:100,:2]
         y=iris.target[:100]
In [19]: x_train,x_test,y_train,y_test=train_test_split(x,y,test_size=0.2,random_state=
In [20]: |svm_classifier=SVC(kernel='linear',C=1.0)
         svm_classifier.fit(x_train,y_train)
Out[20]: SVC(kernel='linear')
In [21]: y_pred=svm_classifier.predict(x_test)
In [22]: accuracy=accuracy_score(y_test,y_pred)
In [23]: print("Accuracy:",accuracy)
```

Accuracy: 1.0

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In [ ]:

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