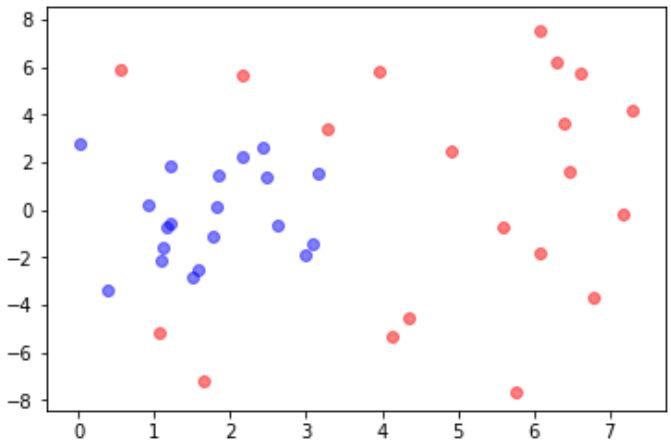
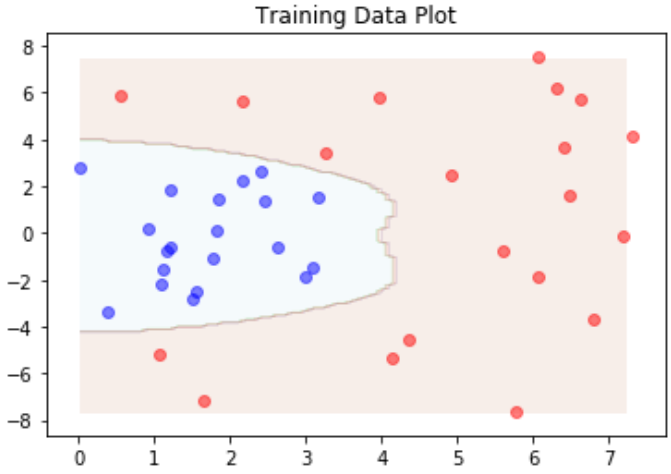
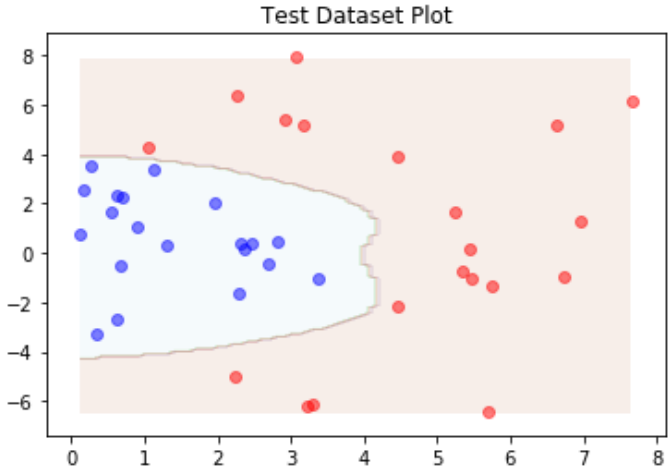
```
Python 3.5.4 |Anaconda, Inc.| (default, Oct 13 2017, 11:22:58)
Type "copyright", "credits" or "license" for more information.

IPython 6.1.0 -- An enhanced Interactive Python.

In [1]: runfile('/home/shubham/Dropbox/COURSES/EEN-583 MACHINE LEARNING
TUTORIALS/14115118_SHUBHAM_KUMAR_SVM_SMO/exp4_svm_smo_testing_rbf_kenrel_non_linearly_separable_data.py',
 wdir='/home/shubham/Dropbox/COURSES/EEN-583 MACHINE LEARNING
TUTORIALS/14115118_SHUBHAM_KUMAR_SVM_SMO')
----14115118-Shubham-Kumar-EE-IVth Yr----
Training SVM Using SMO on synthetic data.
C =  1.0
Kernel=  rbf
Training Data Plot: Red = + 1 / Blue = - 1
```




```
Press Enter to Start training...
step=5
step=10
step=15
step=20
step=25
step=30
step=35
step=40
step=45
step=50
step=55
step=60
step=65
===========Training over=======


Press Enter to Start prediction...

Training Scores..
({'TP': 20.0, 'FN': 0.0, 'TN': 20.0, 'FP': 0.0}, {'TNR': 100.0, 'TPR': 100.0, 'NPV': 100.0, 'PPV':
100.0})

Test Scores..
({'TP': 20.0, 'FN': 0.0, 'TN': 20.0, 'FP': 0.0}, {'TNR': 100.0, 'TPR': 100.0, 'NPV': 100.0, 'PPV':
100.0})

Press Enter to plot decision boundary. NOTE: It may take some time...
Training Data Plot
```



Testing Data Plot



In [2]: