Exercises

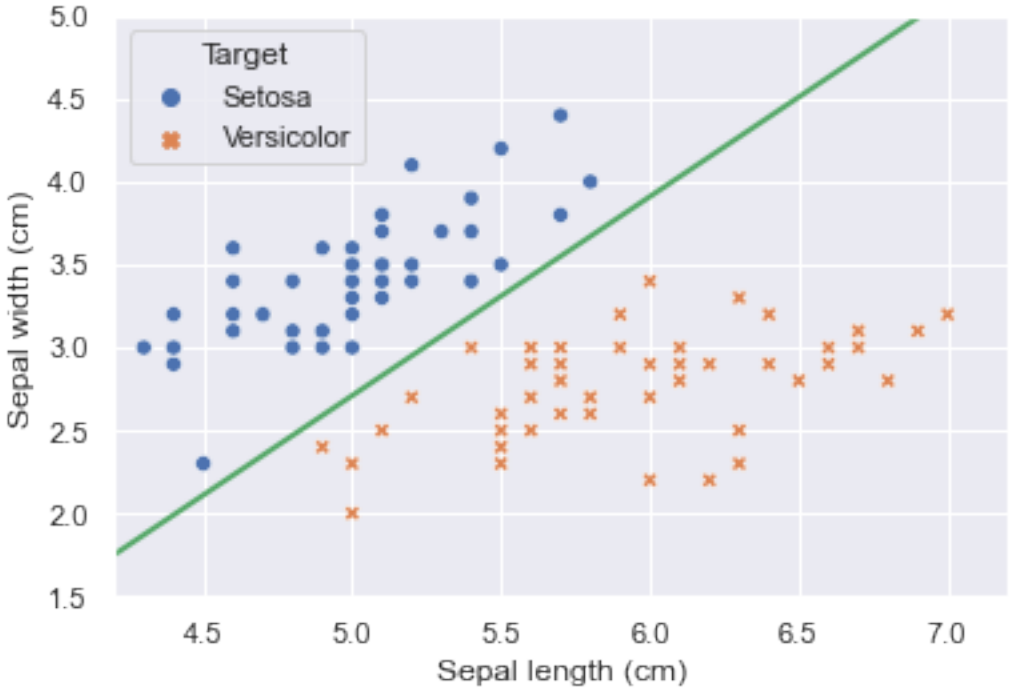
January 29, 2021

1 Week 8 - Support Vector Machines

1.0.1 Dr. David Elliott

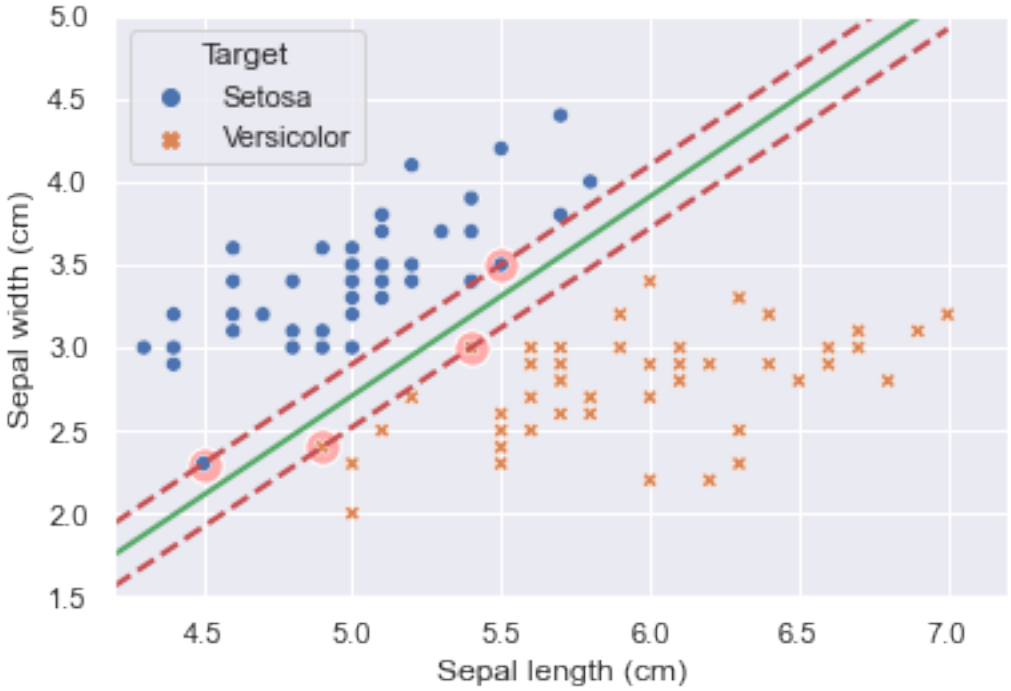
2 Exercises

1. What is a support vector?
2. In the plot below, which points are the "support vectors"?



3 Answers

1. A support vector is...
2. It uses more than 1 here, although which ones are quite tricky to desern so dont worry if you got a few of the blue points wrong!


Target
Setosa
Versicolor
Sepal width (cm)
Sepal length (cm)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
4.5
5.0
5.5
6.0
6.5
7.0