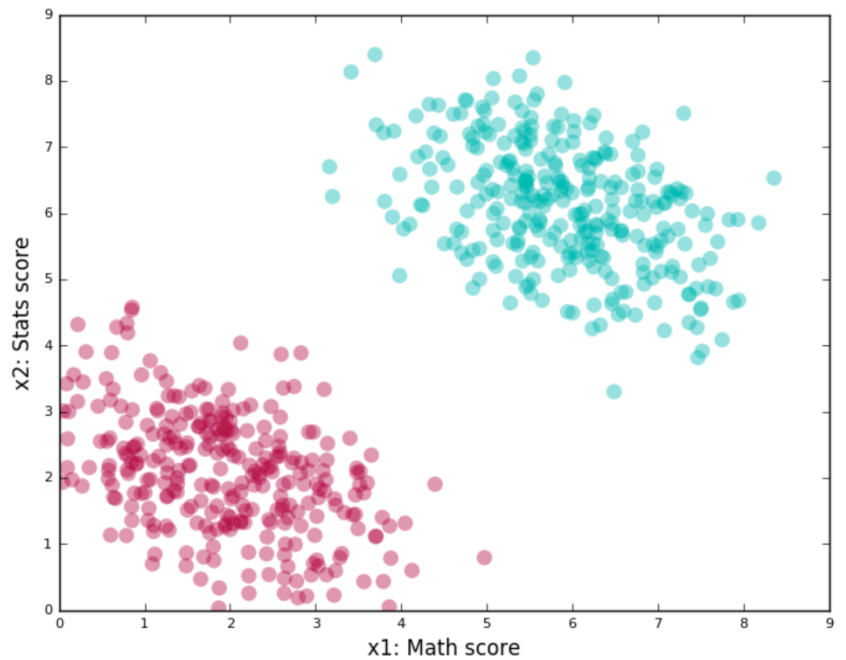


CSE 40647/60647 Data Science (Spring 2018)
Lecture 11: Advanced Classification: Support Vector Machines

1. **Hyperplane**

2. **Supper Vector**

3. **Margin**



4. **SVMs**

5. **Maximize Margin Width**

6. **Non-linear SVMs: Kernel Function**