**Objective:**  Hyperplane, Support Vector Machines, Linear and Non-Linear SVMs

Hyperplane:

1. [SVMs and Hyperplane](https://www.analyticsvidhya.com/blog/2021/03/beginners-guide-to-support-vector-machine-svm/#:~:text=A%20hyperplane%20is%20a%20decision,input%20features%20in%20the%20dataset)
2. [Introduction to hyperplane](https://deepchecks.com/glossary/hyperplane/)
3. [Finding Optimal Hyperplane](https://www.svm-tutorial.com/2015/06/svm-understanding-math-part-3/)

Support Vector Machines:

1. Support Vector Machines (Video Playlist) :
   1. [Video 1](https://www.youtube.com/watch?v=efR1C6CvhmE&list=PLltaMyzdOpM6UP1wU7oRZ2I9UsY-QGi_m&index=1&ab_channel=StatQuestwithJoshStarmer)
   2. [Video 2](https://www.youtube.com/watch?v=Toet3EiSFcM&list=PLltaMyzdOpM6UP1wU7oRZ2I9UsY-QGi_m&index=2&t=2s&ab_channel=StatQuestwithJoshStarmer)
   3. [Video 3](https://www.youtube.com/watch?v=Qc5IyLW_hns&list=PLltaMyzdOpM6UP1wU7oRZ2I9UsY-QGi_m&index=3&t=1s&ab_channel=StatQuestwithJoshStarmer)

Linear and Non-linear SVMs:

1. [Linear and Non-linear SVMs and their working](https://www.javatpoint.com/machine-learning-support-vector-machine-algorithm)