

Machine Learning Materials

Topics	Links
Machine Learning - I Time: ~ 3 hrs	<ul style="list-style-type: none">• Basic ML Concepts: https://docs.google.com/presentation/d/e/2PACX-1vRiiSgp4IBOOUrWHBK7irxsm6zcaSnVdKOmeWeXwsgAWhNFfZIDLbtqhafgxllt1evXwLNMvVqhJ89Q/pub?start=false&loop=false&delayms=3000• Intro to ML: https://www.youtube.com/watch?v=KNAWp2S3w94• Intro to DL: https://www.youtube.com/watch?v=njKP3FqW3Sk&t=490s• Basic CV with ML: https://www.youtube.com/watch?v=bemDFpNooA8• Intro to CNN: https://www.youtube.com/watch?v=x_VrgWTKkiM• Building an Image Classifier: https://www.youtube.com/watch?v=u2TjZzNuly8
Machine Learning - II Time: ~ 1.5 hrs	<ul style="list-style-type: none">• Tensorflow and Google Colab: https://colab.research.google.com/github/bcs-iitk/BCS_Workshop_Apr_20/blob/master/Machine_Learning/tensorflow_tutorial.ipynb• Transfer Learning - I: https://www.youtube.com/watch?v=yofjFQddwHE• Transfer Learning - II: https://www.youtube.com/watch?v=mPFq5KMxKVw• Reinforcement Learning: https://www.youtube.com/watch?v=nZfaHlxDD5w