Hello geeks!!

New syllabus of SPPU has a subject ML in its 5th Semester

herewithin I have mentioned some of the good YouTube resources for ML Concepts:

Unit I INTRODUCTION TO MACHINE LEARNING:

<https://youtu.be/ukzFI9rgwfU> (Simplilearn)

<https://youtu.be/HKcO3-6TYr0>

<https://youtu.be/1FZ0A1QCMWc>

<https://youtu.be/olFxW7kdtP8>

<https://youtu.be/pr5LXi4U10c>

<https://youtu.be/FgakZw6K1QQ>

<https://youtu.be/azXCzI57Yfc>

Unit II REGRESSION

<https://youtu.be/uQ6S68Hke-U>

<https://youtu.be/K490SP-_H0U>

<https://youtu.be/sDv4f4s2SB8>

<https://youtu.be/nk2CQITm_eo>

<https://youtu.be/zITIFTsivN8>

<https://youtu.be/Y90NTNG_yJg>

<https://youtu.be/W-0-u6XVbE4>

<https://youtu.be/EuBBz3bI-aA>

Unit III CLASSIFICATION

Linear Classification model <https://youtu.be/GnDaW8tQu7U>

Confusion Matrix, Accuracy and ROC curves. <https://youtu.be/Joh3LOaG8Q0>

Logistic Regression <https://youtu.be/yIYKR4sgzI8>

Support Vector Machines (SVM) <https://youtu.be/efR1C6CvhmE> (3 parts

Introduction to various SVM Kernel to handle non-linear data <https://youtu.be/0mNG49K5Av8>

Multiclass Classification techniques - <https://youtu.be/6kzvrq-MIO0>

Cross-Validation <https://youtu.be/7062skdX05Y>

Sub-Sampling, HyperParameter Tuning Techniques. <https://youtu.be/355u2bDqB7c>

Unit IV TREE BASED AND PROBABILISTIC MODELS

Decision Tree – <https://youtu.be/7VeUPuFGJHk> ,

Impurity Measures <https://youtu.be/Xfgq8zh8sDQ>

Random Forest <https://youtu.be/J4Wdy0Wc_xQ>

Conditional Probability <https://youtu.be/_IgyaD7vOOA>

Bayes Theorem <https://youtu.be/MxOny_1y2Q4>

MLE and MAP estimations <https://youtu.be/c3uFs4uZ0xI>

Naïve Bayes Classifier <https://youtu.be/O2L2Uv9pdDA>

Solved Example : <https://youtu.be/XzSlEA4ck2I>

Unit V DISTANCE AND RULE BASED MODELS

Distance Metrics <https://www.analyticsvidhya.com/blog/2020/02/4-types-of-distance-metrics-in-machine-learning/> .

K-Nearest Neighbour <https://youtu.be/HVXime0nQeI>

K-means clustering Algorithm with example <https://www.youtube.com/watch?v=4b5d3muPQmA>,

<https://www.youtube.com/watch?v=RdT7bhm1M3E> (Solved Numerical)

Hierarchical Clustering <https://www.youtube.com/watch?v=7xHsRkOdVwo>

<https://www.youtube.com/watch?v=RdT7bhm1M3E> (Numerical)

Association Rule Mining <https://youtu.be/43CMKRHdH30>