Lecture - 6 - KnXpXa Token:- Knxpxa Landon and Token: In the sinth lecture we revisited Hoeffdings Inequality after that we made tried to Lind the upper bound of a bad event using the wion bound like later evaluated the hypothesis & ased on break point as either good or bad 1 Andrew No dorsak point (log EN = N log C) has break pant. (dag N = Clag N) The one with No break point will grow exponentially The one with break point will grow polynamially Then we revisited Fearibility of Leaving where we defined 2 Steps as Generalization and Approximation The VC Dimension is denoted by dvc (11) for a Inypothesis set It. It is the largest value of No you which my (N) = 2 good << For probanies Then after the derivation we updated the East (g) & Ein + Jag my (en)

East (g) < Ein + O (dvclog N) Then we solved some sample complexity