Machine Learning: (17Dec, 24) Day 1 - What is ML: 2100 1 partite ML is a field of CS That use letote to give complete ability to learn with data' wo being explicitly programmed last men Lo (writing were for every econorio) Traditional Approach: 10 Data - Computer - Dutput Program Machine Learning Approach: Data - Computer Eg - Adding numbers: + Let's say we wrote code to add 2 no's, how in future if we want to add more Than 2 nois we will need to modify the code. In ML, we will pass an excel with I/P: and Offe and one model will understand that we are adding nois. And, it will adapt in fixure with data automatically When to we ML over traditional? When you can't write program for all the cases When you can't keep changing The logic. [ E.g -> spany] For performing data mining (identify hidden patterne)

(171200, 24) Machine Learning: # History of MK: IM in tool 1 It has existed in industry for a very long time but it recently got popular. This was due to multiple factor (cirem i) requirer huge data ii) requires : capable machines iii) use - cacec : - stor - Machine Lesining Approach: # Eg & Admy rumbers: wed for spec of store of store in the state sions was the of the state of and the show with the south the south 19 I wife Jones we was this on the se ten justantin wich word and person and is tooks to so that I s'ear problement in fidure with data autoromially # When to we me transment! Lines you fair and any over the property of when you and live multip the light For perfecting data mining (Hough riday parages)