Prob. Franzwork

marking Learning is an algorithm that learns from experience wir.t. Some tasks and performana mensure. i.e. its perfrom ne jiven tasks will improve with experience under the perf. mensore. 1) on the set N. WEN is called Statisfical Unit. We want to sef a formily A of allowed ges-no ques -tion. Which's chosen as a o-algebra EM: It's ligitally consistent sim trivial prostrin r Ed; A EA. => repation question A'EA. Am We permit "ant" connection.

2) Note that we can't be firefreakly on which instance were to choose

approvability IP CAS for Jes for AEA Jo We introduce p.m. Hon A. Often we Kirt Kistingnish thenselves. We introduce list of features X ew paving value in 1/2. i.e. X is r.v. from 1 to 12. We car assign prob. tentur span XXPCBJ:=PCXCBJ.BCB. 4) We also Consider multiple requisition of Knen: LXj3;en. r.v.'s. Printe: X cn > = (X, Xn) Sample of J) We i like to get fresh info. from Lota requisitions, which's hulisely by i.i.d. model or (Stationary)

DTME must EXESENO With Sefinites pcxt=s/Xo=5. -. Xz-1= Se-1) = 1pcxe=slxt. = Se-1 eg. We may consider date pule Zj = C Yj. Xj.) With Sub amponers Yj rs Inhols and Xj of overites / Juntures. i) Resign of Experiment (DOE): Yj is unject outcome me Xj is experiment and optrolled of us where value is them kelibrately to promote larning in) Transfer Levring: We sol with 2 sats of Mate $\{x_j\}, \{x_j\}, \{x_j\},$ Where X; is sporse / exposive. X; is shudant shuy. Am n ~ ~ m. => We pre-train on xi. And three it with limital experience Xj.