Cat boost. tal library which handles Categorical data automatically. Out-of the box support for the mole descriptive data fornats. Cathoost implements Symetric trees. (helps decreasing prediction time). Default nox-depth=6 Dataset ordered in time

a) (Catboost creates an outificial time for each

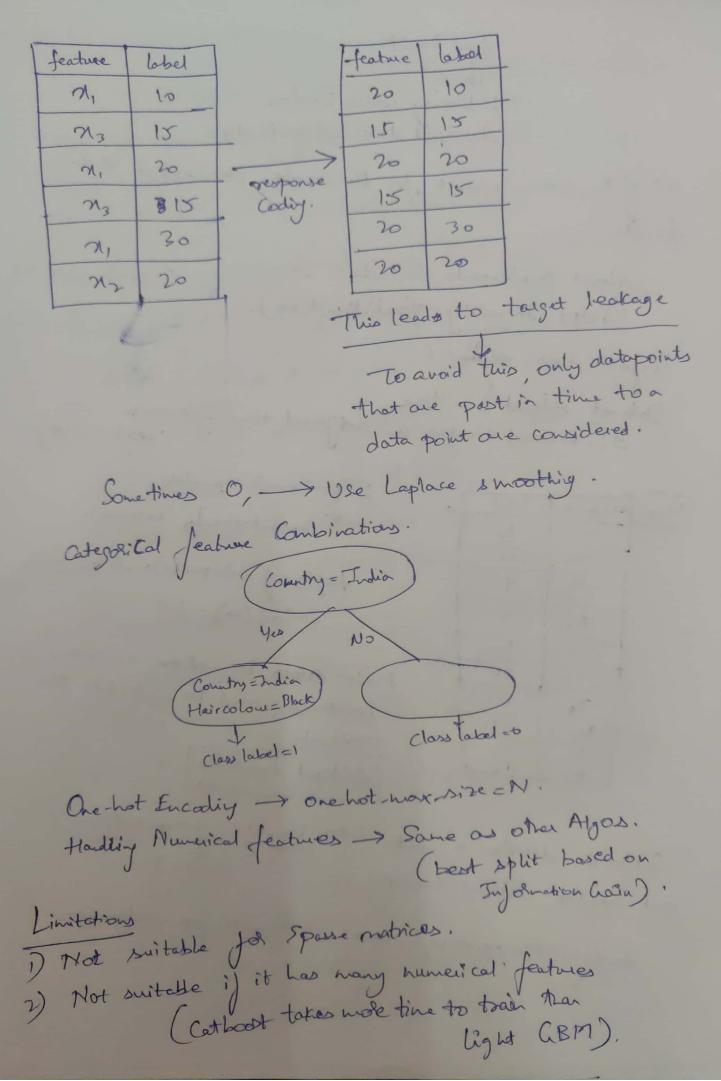
datapoint) lo points -> 9 models. X Computationally expensive time datapoint log(no.g detapoints) modely -) log (10) = 2-7 Model ades trained on n date points is used to calculate the 31 residuols 32 Ordered boosting -1/10 Cathoot divides a data into Random permutations.

Cathoot divides a data into Random permutations.

and applies ordered boosting.

default = Y.

tagging-temperature. -> truly parameter for randomness.



TISNE

T-distributed Stochastic Neighborhood Embedding. Best Jos Visualitation of Data PCA: Basic 3 2-dim.
MNIST Christopher Olah blog. X MDS, Sammon mapping, Chrophbosed techniques to you. V t-SNE -> 2008, heaffy Hinton. d-dim -> 2d & 35d t-SNE Clean Visualization. PCA: Preserve global shope of data t-SNE-local shape/struc. preserve. (+ global struc. by Charging I parameter) Neighbolhood; Embedding D- + Same relue TisNe is not a Deterministic algorithm TISNE is a Probabilistic algorithm Every time you run T-SNE with a Step, iteration, it might turn out to different. Rearest enbedding 7 T-distributed to prevent Growding.

T-SNE -> expands douse clusters Chrinks sparte clusters Travbacks 1 One of the things you cannot read from t-sne is Whother a chester & devse of sparse. i.e you cannot come to Dame density Conclusion using toshe. 1 t-sue does not preserve distance betroeen chusters. Thumb Yule O Run steps/jter till shapes stabilize @ peoplexity 25 pzn Never Run t-she just once and start readily it. 3 re-run t-sne with (p, step) multiple times. Epsilion > How Jost you should charge from one iteration to Thofial Knot another