	V V
	(noss Validation & its types (Week-3 Assignment)
	(V is one of the techniques used to test the effectiveness of a Mh model, it is also a re-sampling procedure to evaluate a model of we have a limited clater.
	effectivenes of a Mr model, it is also a
	Te-sampling projecture to evaluate a model
	y we have a finited clate.
Y	
0	In CV, we head to keep aside a portion of
	dula (to be used for testray (Validation).
	Steps in CV:-
	1) Keep aside same porten of duty set
	2) use test clabeset by Training
	3) Test validade model is my (kept aside) transmit
	mitially resurved portion of Elutarel.
	Decue One Out CV (LOOCV)
	Day we have 5 dasa points points

Amir our Mr would very like Jeat train Cliused vundege exp1 lots of iteration 6265 in corporates fewer Tust Test Resampliny :- 9+ is process of extructing new samples from a data set in order to get hure accurate yesuls 1- Fold (ross Validatan (Pradically used) Tere you spir dute with input date into k-sussets of cluba (also known as folds) 中 Fran M2 model over k-1 Jolds. & fist
the model over over km fold. Repeat this
process k times: with a cliff, 8 visset trustruml
for evaluation each time. K25

PAGE No. June score. Doyler k Horutius, he here k scores, we take average of the all these k scores is scores, that will be performance metric for the model > 1) we have smaller dutuset, we can go dutuset, we of an go for simple train test split -> (V gives les much better musure of model

quality compared to tram-test-split 3) Strutified Kfold If we are working on classification | multiclus) classification its bethe to use stratifical kfold because because While mukny pleto it maintains perentuye of samples for each class lè in éverfold we have equal no of po data posits from each class.

Day 1 Day 2 Day 3 Day 4 Day 5

Day 3 Day 4 Day 5 Day 6

Day 3 Day 4 Day 5

Day 7