transny and validating the model on different splits of
the data etx in 5 Fold cross validation tronsing data
is divided into 5 parts and the model is transd 5 times
each time using a different part as the validation set

rest for transny, another may of preventing over funder lifting
them is like rotating bettern part of transny data and at

this is like rotating bettern parts of troning date and at each validation set stoping evalidating Model and Men Faguring ont What hyperparameters to change other Model choices - all in hope that it will improve the Model atter each split.

Splits [642 [643] [645] [645] Final results and 13

splits [642] [643] [645] Final results and 13

end this set is seperate

and used for Model evaluation

Regularization

- refers to techniques word to prevent overtitting by adding constraints of penelties that discourage a model from becoming too complex or fitting to closely to training Joh. it keeps model parameter small. Its like squeezing the regretion line, amount of regularization is a hyperparameter

impat

reg.

without Regularization

(over tit)

With Regularization
13 (Good Fit)

too much recularization = Under fitring

Scanned with CamScanner