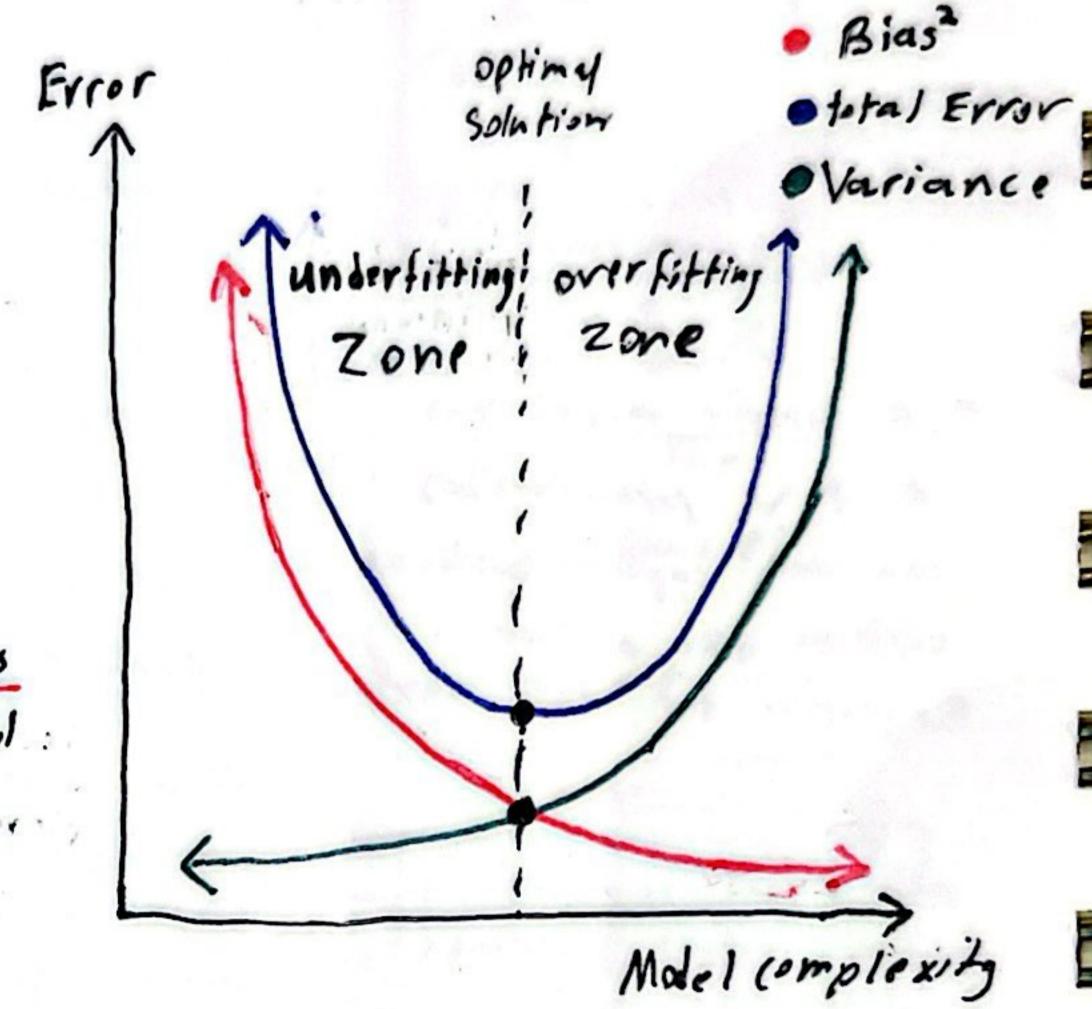
Bias Variance Trade off

- a concept in ML Net Obscribes Ar struggle of a models abbility to minimize bias and variance at the same time. Usally Reducing one increses the other. as Model complexity incress Bias Decreses as Ar model can capture more Complex partners. Variance. increses as . Ar model becomes. more sensitive to changes in training data. Bias increses as model complexity decress s. Variable Lecreses as model becomes more stable, we want aptimolsol: good of finding patterns and. not fifting (Iranning) from moies.



· Tradooff Chart

Noise

-refers to random variations and Ermors in dada that don't repersent true patterns in data, like random Huetnations in sensor reading for ex. or errors in duta allection we want to find the true patterns while ignoring noise noise is what left over after perfect fifting of My dath whih a partiet model. capturing all 120

signal in defa

Scanned with CamScanner

Noise