

Muderfetting 15 Overfetting

Mandling missing values.

COSE & SMOTE

Bagging & Boostup.

Kesume Preparation.

Overfitting (high voriance)



* Model performs well on triaining data but performs poorly on unseem validation date.

hass I tering thration

How to handle:

1) Increase training date: If training date is less a complex model can remaine r the training date.

Decrease: It's hard for simple model model to mount the training dake

3 Legularization.

L1 regularization o Posses the model to keep model weight small by penalizing enger weights

Droupout : Randomly kelling nunous while training, this forces model to not be overly dependent on exercise neurons premiers.

Under fitting

o > training

clase

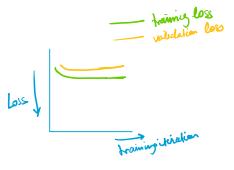
o > Unseen

data

o > lase

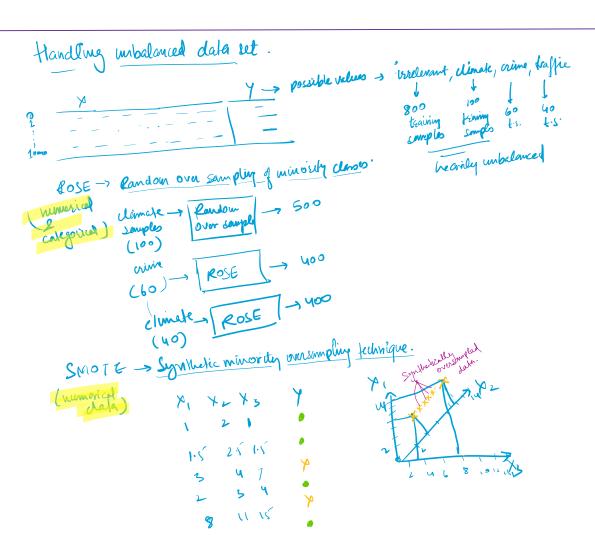
function

*The model performs poorly on training



How to handle.

1) Increase model complexity



Bagging & Boosting

