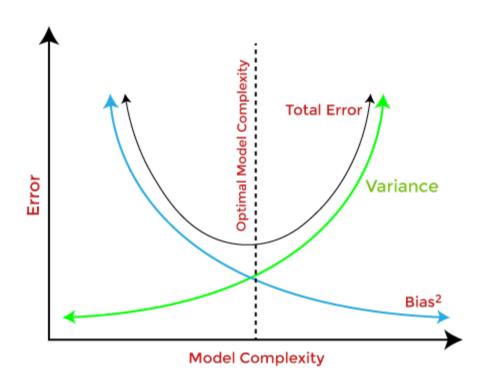
Regularisation

UTKARSH GAIKWAD

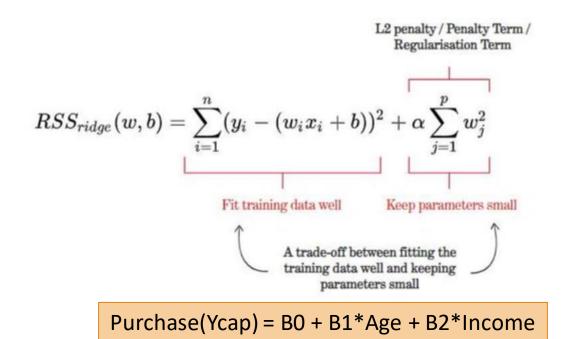
Bias Variance Tradeoff



Underfitting:
High Training Error
High Testing Error

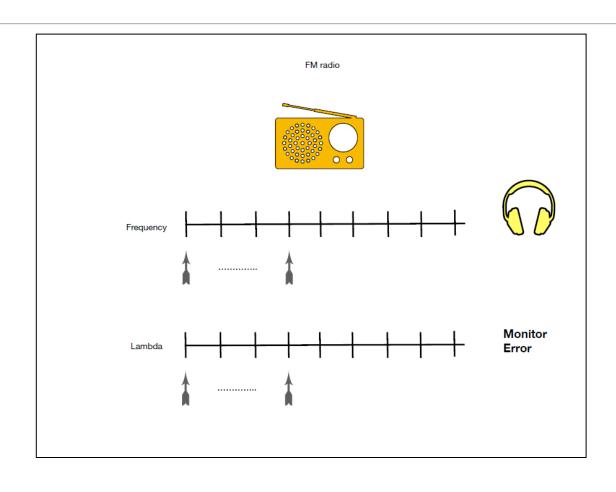
Overfitting:
Low Training Error
High Testing Error

Ridge (L2 Regularisation)



 $(Y-Ycap)^2 + lambda*(B0^2 + B1^2 + B2^2)$

Lambda Is parameter which we need to find



Thank you

FOR ANY QUERIES PING ME ON SKYPE