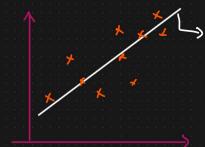
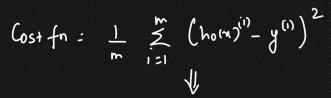
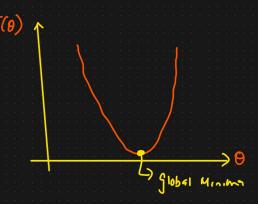
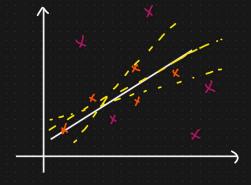
Rídge Regression, Lasso Regression, Elastic net Regression





Mean Squared Grror



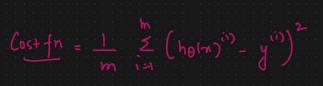


Overfitting

hypeoparameter

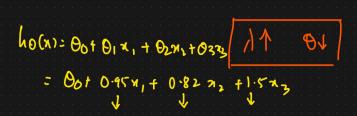
Training Data -> Accuracy M = 95%

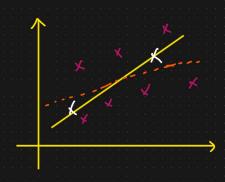
DATA -> Accuracy UVS -> 60% TEST



hola) = Ootola

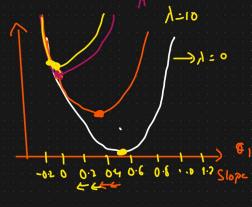
ho(x) = 00+01x1+02x2+





Outlier

$$\frac{\text{Cost-fn}}{\text{m}}: \frac{1}{\text{m}} \stackrel{\text{M}}{\leq} \left(\text{ho m}^{(i)} - y^{(i)} \right)^{2} + \lambda \stackrel{\text{M}}{\leq} |\text{Slope}|$$



(am) f = f2