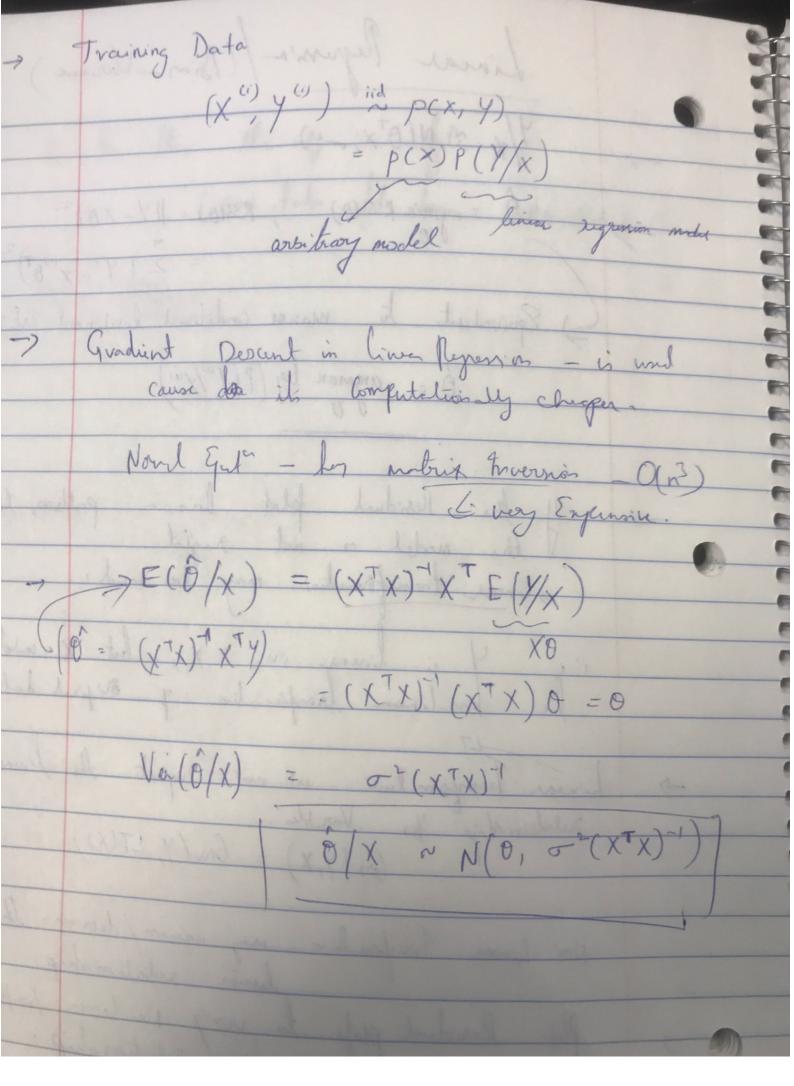
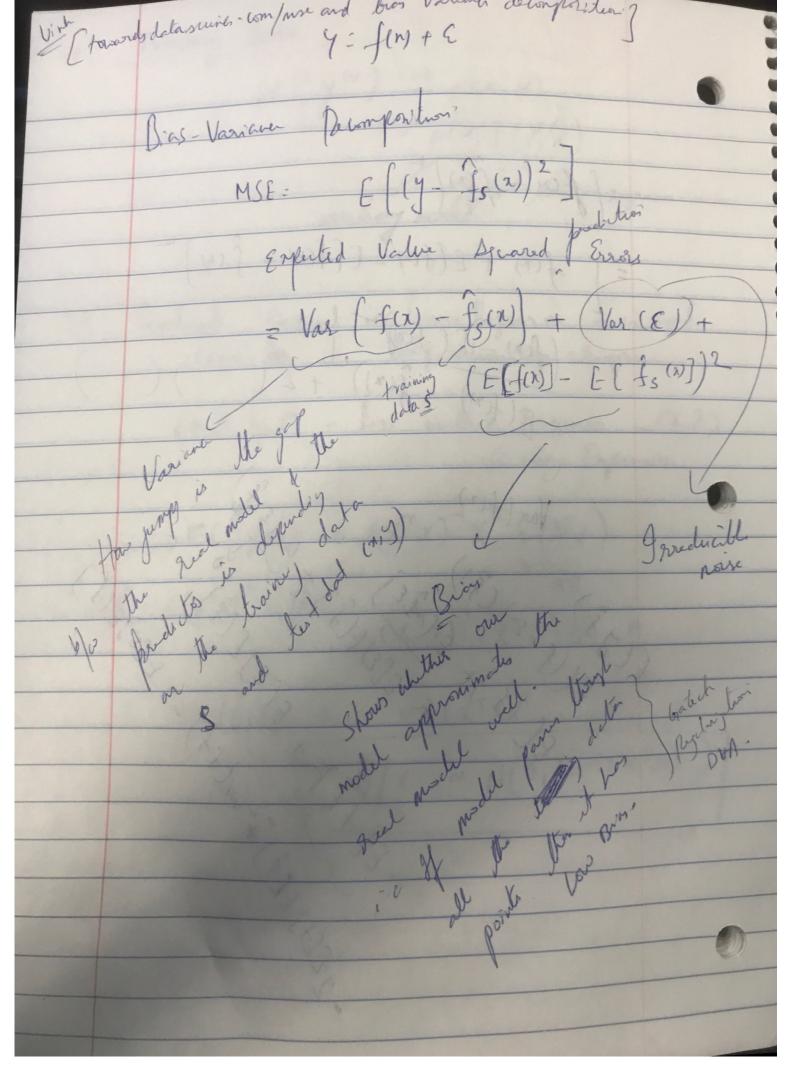
Linear Regression (Bin - Variance) $\rightarrow \sqrt{\chi} \sim N(0^{T}\chi, -2)$ Equivalent to mann conditional likely hood Extimetre $\hat{\theta} = \underset{\text{argman boy}}{\operatorname{argman boy}} \left(P\left(\frac{y u}{x^{(i)}} \right)^{2} \right)$ I the Meridual plot has a pattern, then the model is not right.

There transformation may be und. be hos-linear trasposation of super data x Linear Transformation ull not impact the linear relation stip you Varities.

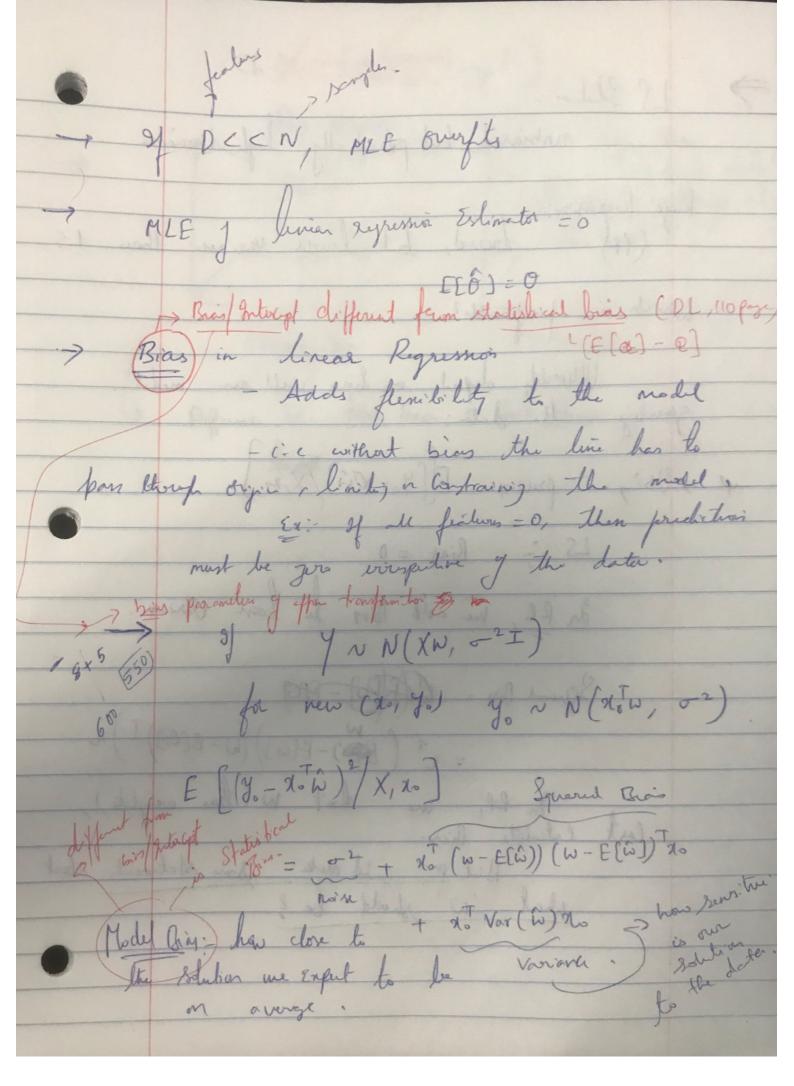
(so (Y, X) = Con (Y, LT(X)) Non-Lower Transformlin may irenan/decream the lunion relationship land plots to very Non-linear transformtion help live relationship.



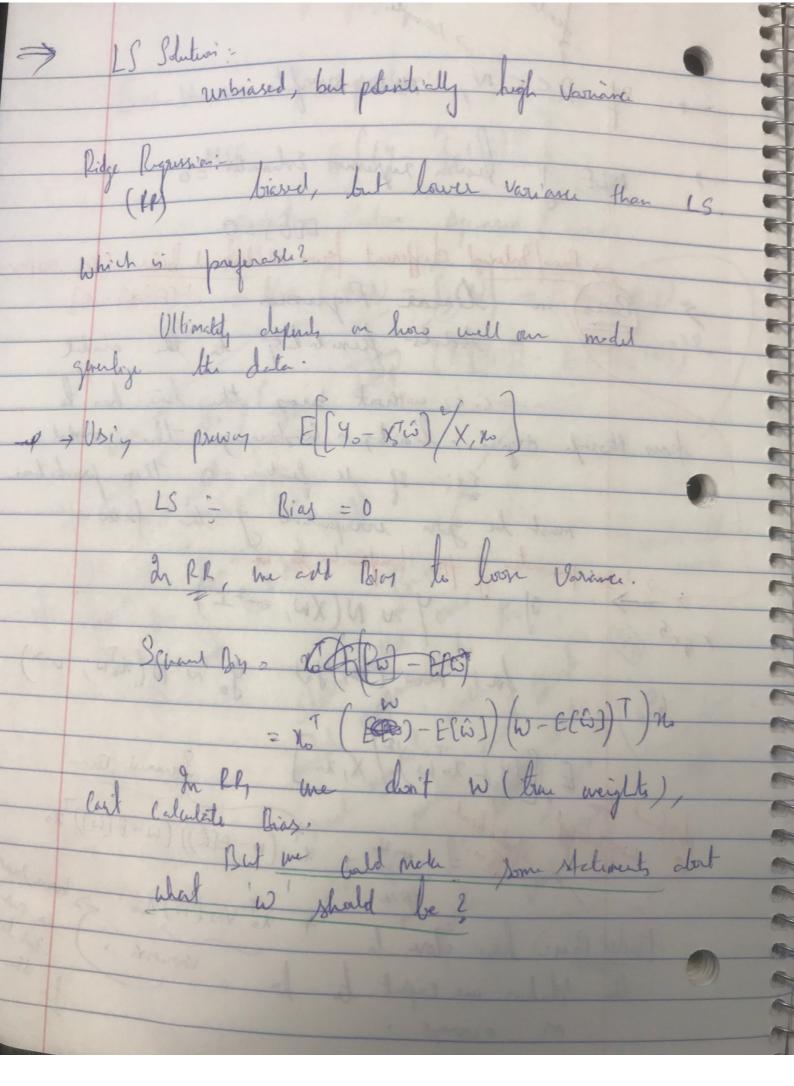
Scanned with CamScanner



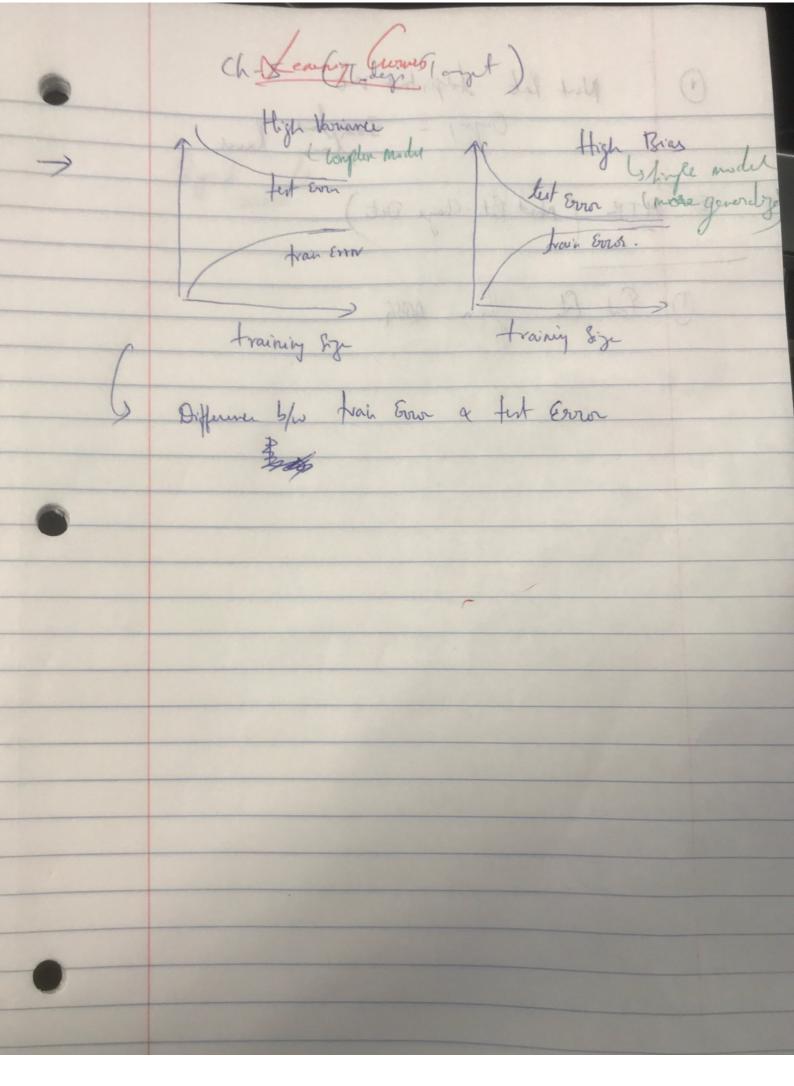
Scanned with CamScanner



Scanned with CamScanner



Scanned with CamScanner



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