ML algorithm - Linean Kegression [Least Equares] When we use hinear regression, it fits a straight Jensbildy to accurately replicate the arc in the "true" relationship The inability for a ML method (like linear regression) to capture the true relationship is called bias o very little "Sq"dustances: - + ve dustances do not cancel out - ve distances Vaniance - The différence en fits between data sets

o high ?

Squagely line is source
Ideal edg: low blas -> accurately model the low variability true relationshing broduce consistent prediction across different datasets
Find the balance between simple, complex model can be done by methods euch as regularization, boosting and bagging