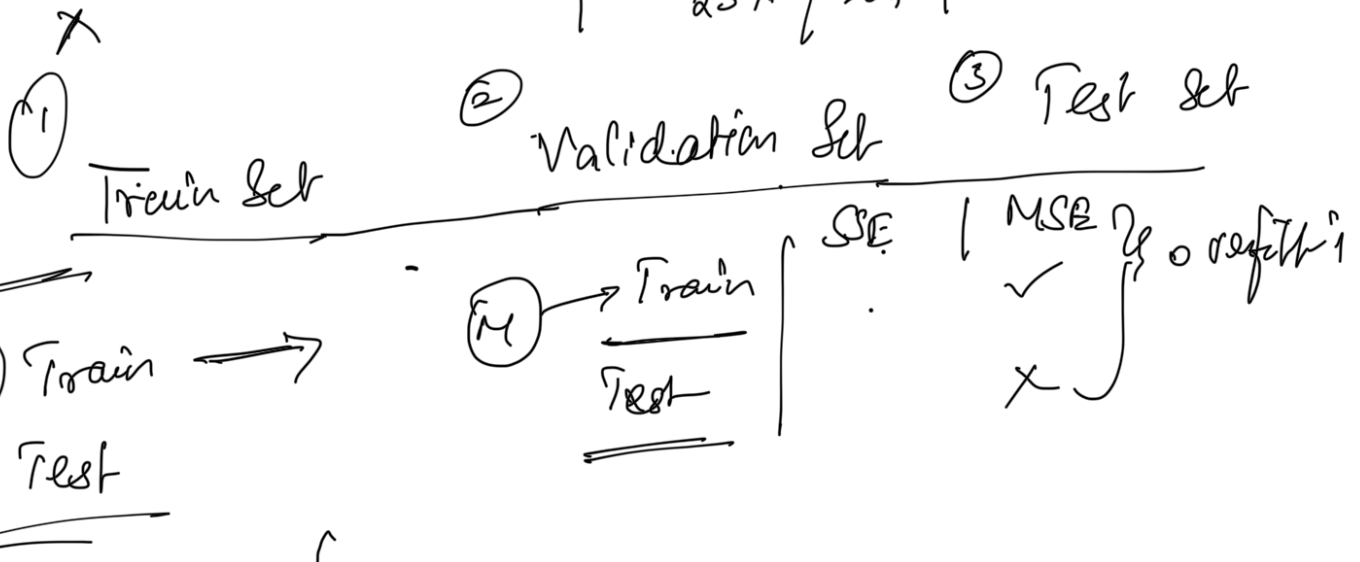


Overfitting & Underfitting.

Best fit -? Can there be not so good fits?

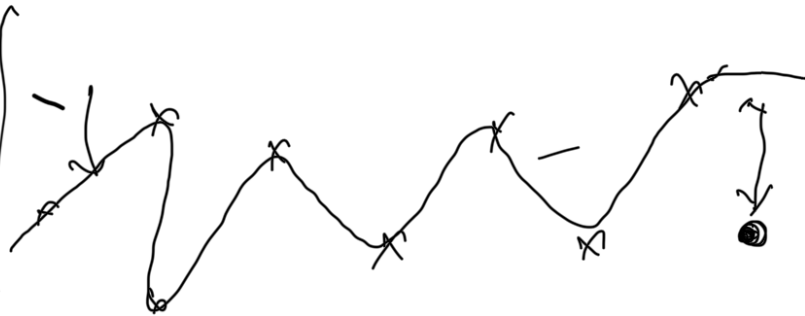
Cross-validation

- Train 75% / 80% / 90%
- Test Set 25% / 20% / 10%
- Model will learn
- Model never sees



Powerful Models represent complex data

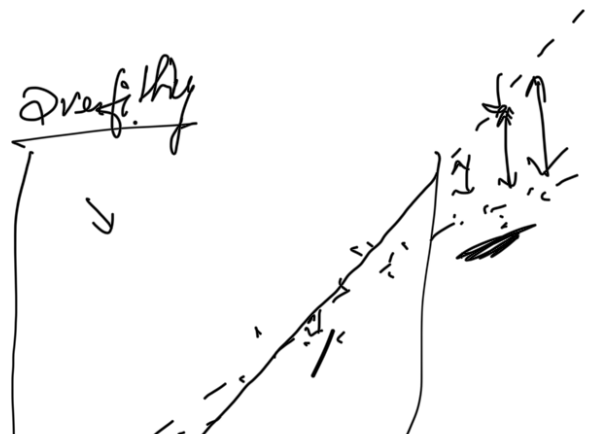
Sensitivity / Specificity
For changes & noise

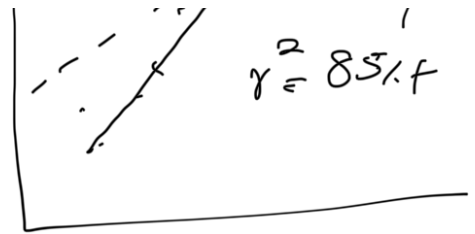


Underfitting:

Can't represent the data well
Best fit line was a better tech. then

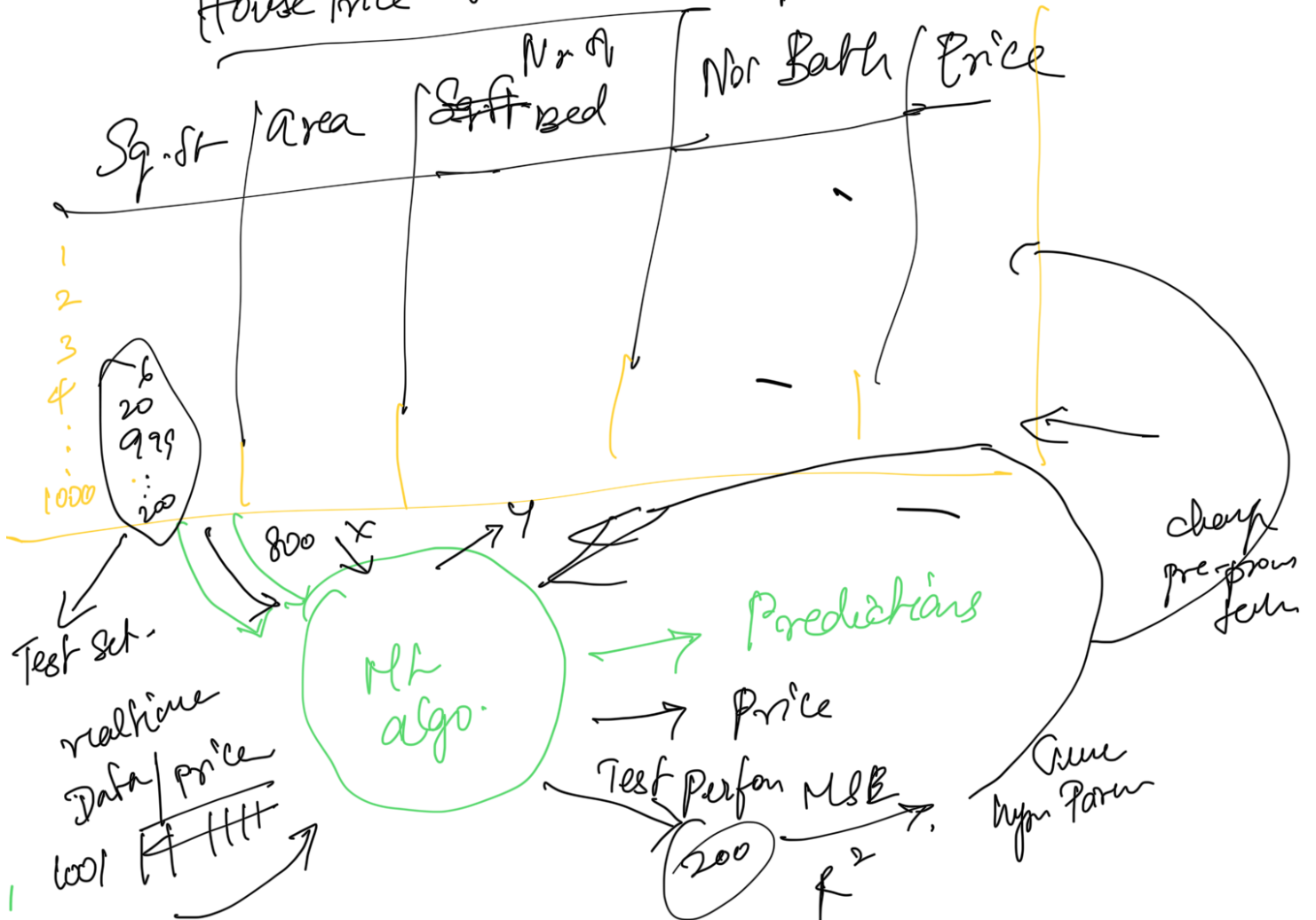
Overfitting





	SSE	MSE	
Train		X	
Test		X	Underfitted

House Price Prediction :- y - Price



Regularization :-

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