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F1-Score: Measure of the accuracy of binary classification model. It is the harmonic mean of precision and recall, and it provides a balanced measure of both.

Reinforcement learning: In reinforcement learning the agent interacts with the environment, observes the state, takes an action and receives a reward or penalty.

Underfitting: It occurs when the model doesn't fit properly to training data. It does not find patterns in the data and hence when it is given new data to predict, it can't find patterns in it too. It under-performs on both known & unseen data.

Overfitting: When the model trains well on training data & is generally good at, but fails to perform on new, unseen data. It captures every little variation in training data & cannot perform on data that does not have the same variations.

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Bias: Difference b/w our actual Y predicted values. Bias are the assumptions that our model makes about our data to be able to predict on new data

Variance: Defined as the model's sensitivity to fluctuations in the data. Our model may learn from noise. This will cause our model to wonder trivial feature are important.