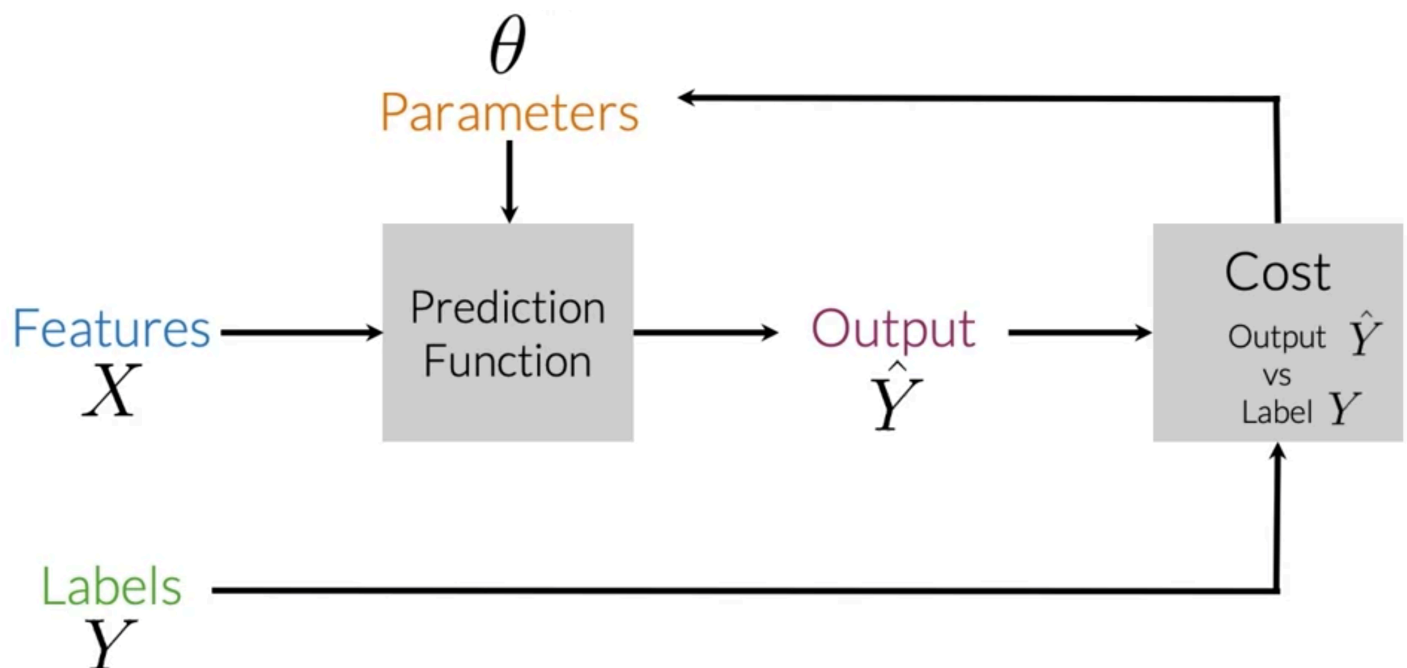


Supervised ML & Sentiment Analysis

In supervised machine learning, you usually have an input X , which goes into your prediction function to get your \hat{Y} . You can then compare your prediction with the true value Y . This gives you your cost which you use to update the parameters θ . The following image, summarizes the process.



To perform sentiment analysis on a tweet, you first have to represent the text (i.e. "I am happy because I am learning NLP") as features, you then train your logistic regression classifier, and then you can use it to classify the text.

