Suppose we want to do binary classification. Also, we know the correct model is a polynomial function like the following one:

Yet, we do not know what the power are equal to. The only information we know is that they may be equal to 0,1,2,3,4. Luckily, we have learned Regularization and thus do not need to search every correct function anymore. Try to design a very complex model that contains the correct one and use Regularization to solve its overfitting problem.