

Quiz 2 - 8B

Scenario: You want to optimize a particular machine learning model.

Answer the following questions

Q1. How can we detect whether our model is overfitting?

If there is significant difference between validation and training error (high variance)

Q2. What can possibly be done to address overfitting?

We can regularize the model.

Q3. Assume the remedy you suggested in Q2 did not work. What else can you do?

We can try to get more data OR

We can try smaller set of features