

Assignment Twelve
BSDS Spring 2021
(due 5/7 11:59pm PST)

Please submit the following online via Canvas

1. Explain in your own words why Linear Regression can be thought of as a Supervised Learning task.
2. What does it mean if a model is overfit to your data? Why is this problem?
3. For supervised learning why does the quality of your data matter? What will happen if the type of data in your training data is different than the data the model is likely to see in production?
4. Give one reason getting more data is helpful for machine learning.
5. Write a question you have about Machine Learning/Binary Classification, or tell me something that is still confusing you about this week's material.