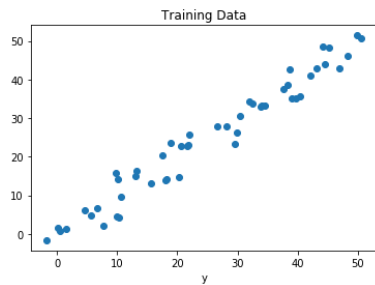


1. Give an example where K-NN and K-Means would give the same result. Be as specific as you can. (4 points)

2. Draw a curve that is overfit to the data below. Explain why it is overfit. (2 points)



3. Give an example of noise at the feature level. Explain how that example demonstrates feature noise. (2 points)
4. Hyperparameters are chosen by analyzing the test data. True or False. Circle one and explain. (2 points)

