# Machine Learning Quiz

1. Explain the curse of dimensionality
2. What is an objective or loss function?
3. What is the most important thing to do when evaluating the predictions from a machine learning algorithm?
4. What do you want your machine-learning algorithm to learn given the data?
5. What is variance \ over-fitting?
6. What is bias?
7. What is regularization?
8. What is a similarity \ distance metric?
9. Why is k-fold cross-validation a better measure of prediction error, than having a single training \ validation dataset?
10. What is the difference between correlation and causation?