Logistic Regression Metrics Quiz

1. Logistic Regression Accuracy metric is the best indicator of prediction quality of the model
   a. True
   b. False
2. AUC metric indicates predictive quality of the binary classifier model
   a. True
   b. False
3. AUC closer to 0 is better
   a. True
   b. False
4. For Binary Classifiers, we can set the cut-off to decide when a prediction is considered positive
   a. True
   b. False

Answers

1. False - When there are small number of positive or negative samples, accuracy metrics may not be good indicator. A model could be hardcoded to predict only majority outcome. In the case of skewed distribution, a hard-coded model will have a very high accuracy
2. True
3. False – AUC needs to be closer to 1
4. True