Unit 3: Questions and Exercises

Question 1

The dissimilarity measure used for K means clustering is:

    a. Residual Sum of Squares
    b. Euclidean Distance
    c. Error Loss
    d. Reward

Question 2

In an association rule, the lift is a measure of the _____ between two or more inputs.

    a. Statistical Significance
    b. Strength
    c. Causality
    d. Dependency

Question 3

True or False, a combinatorial algorithm used for cluster analysis works directly on the observed data by referencing an underlying probability model.

Question 4

The goal of a reinforcement learning algorithm is to learn the best _____, which is the sequence of actions that maximizes the total reward.

Question 5

When an association rule is applied to binary input data, it is referred to as _____ _____ analysis.