Clustering Review

7 questions

1. What is the basic idea behind the clustering algorithm?
   - ○ Create teams of models
   - ● Group similar things together
   - ○ Find groups of unique identifiers

2. in K-means - what does K stand for?
   - ○ Number of instances
   - ● Number of clusters
   - ○ Number of attributes
   - ○ Number of classes

3.

   Clustering is
   - ● Unsupervised type of learning
   - ○ Supervised type of learning

4. K-means clustering results in what kind of clusters?
   - ○ Probabilistic
   - ○ Hierarchical
   - ● Deterministic
   - ○ Overlaping

5. Clustering result can vary significantly based on initial choice of seed
   - ● True
   - ○ False

6. K-means Algorithm can easily fail to find a reasonable clustering
   - ● True
   - ○ False

7. K-means clustering is extremely computationally intensive.
   - ○ True
   - ● False