

## Assignment Rubric: Data Science Lab 9 K-Means

Question Number	Total Points	Deductions:
1	5	<p>-1.25: They don't implement the getNumFeatures function correctly</p> <p>-1.25: They don't implement the getCentroids function correctly</p> <p>-1.25: They don't implement the getLabels function correctly</p> <p>-1.25: They don't implement the getRandomCentroids function correctly</p>
2	5	<p>-.667: They don't plot the k-means after iteration 0</p> <p>-.667: They don't plot the k-means after iteration 9</p> <p>-.667: They don't plot the k-means after the algorithm terminates</p> <p>-1: They don't answer the question the predicted cluster's question</p> <p>-1: They don't discuss the quality of the clustering</p>
3	5	<p>-.667: They don't plot the k-means after iteration 0</p> <p>-.667: They don't plot the k-means after iteration 9</p> <p>-.667: They don't plot the k-means after the algorithm terminates</p> <p>-1: They don't answer the question the predicted cluster's question</p> <p>-1: They don't discuss the quality of the clustering</p>
4	5	They don't discuss what they learned about the k-means clustering algorithm

Total Points: 20