**Choice 3: Kaggle**

You should use Weka to run the following classification methods on your dataset. Remember to choose "10-fold cross-validation" in the test option.

**1. What has been done in the past week?**

* We continued working on the Wine dataset using Weka and did uncover that the discretized data results are very similar to normalized data when analyzing the quality.

**2. Did you work individually or together?**

* We worked individually during the week and on Sunday we worked as a group together. Both ways of working provided its own advantages and were beneficial.

**3. Do you have any intermediate results to show?**

* After Inputting the wine quality dataset into Weka, we got the following results:

**Original Data, Quality Category**

1. Trees/J48 83.7398%

2. Bayes/Naive Bayes 77.9862%

3. Trees/RandomForest 87.1169%

4. Function/SMO 82.4891%

**Discretized Data, Quality Category**

Trees/J48 84.0525%

**Normalized Data, Quality Category**

1. Trees/J48 83.6773%

2. Bayes/Naive Bayes 78.1113%

3. Trees/RandomForest 87.3046%

4. Function/SMO 82.4891%

**4. What are the challenges you faced in this activity?**

* One challenge we faced was making sure that everyone had the correct dataset and attained the same results. Initially, some of us were getting different results because we forgot to delete the original “quality” attribute.
* We also had difficulties finding a time where every member could participate, due to this being an online class and our conflicting schedules. When we did meet on zoom, we also dealt with connection issues.

**5. What do you expect to do next week?**

* Next week, we will meet on Zoom to plan our midterm presentation.