Charles Book Club Assignment

1. Develop classification models using **Neural Networks**, **logistic regression**, and **decision trees**, with Florence as the outcome variable and each of the following sets of predictors:
    a) *A subset of predictors that you judge to be the best*
    b) *Only the R, F, and M variables*
2. You should adjust the parameters of each technique and keep records of which values of parameters produce the best performance.
3. Discuss which technique with which set of predictors produces the best performance. What actions should the Club take to boost its sales/revenue?

Note:

1. Elect or self-appointed one leader, who will take the lead to finish the project, and communicate with me if any questions arise.
2. Accomplish your project with Jupyter Notebook with the file name like: **BMIS342_Gxx_CaseName.ipynb** and **BMIS342_Gxx_CaseName.pptx**
3. **Due:** 5:00pm, the day before your final exam day.
4. **One group turns in one copy only.**