**PROJECT MILESTONE 2: HONORS SUPPLEMENT**

**Instructions**

1. This submission is only required for students taking STAT 479 for honors credit.
2. On Canvas, upload both the source .Rmd and compiled pdf (or html) files giving your summary and short exercise.

**Description**

The purpose of this honors supplement is to guide study on the use of data visualization in archeology. The steps are,

* Read and experiment with R code from one of the package vignettes given in the list below.
* Prepare a brief summary 150 – 250 of the topic that you read.
* Prepare a short exercise and solution to demonstrate your understanding of the reading.

For the exercise, you may apply the techniques you learned to a different dataset (e.g., one on the unofficial CRAN [task view](https://github.com/benmarwick/ctv-archaeology)). Alternatively, you may implement a new visualization for one of the outputs generated by the reading. The exercise should motivate why the analysis is interesting, link to the dataset used, and break the larger coding task into 2 – 3 short pieces.

Reading Options

* One vignette from any of the [tabula](https://packages.tesselle.org/tabula/articles/seriation.html), [Kairos](https://packages.tesselle.org/kairos/articles/kairos.html), [ADMR](https://github.com/UCL/ADMUR/blob/master/vignettes/guide.Rmd), [ringdateR](https://github.com/ringdater/ringdater_pkg/blob/master/vignettes/ringdateR_Chronology_Vignette.Rmd), [iconR](https://cran.r-project.org/web/packages/iconr/vignettes/index.html), [outlineR](https://www.protocols.io/view/outliner-artefact-processing-and-extraction-protoc-bygaptse), or [skyscrapeR](https://github.com/f-silva-archaeo/skyscapeR/blob/master/vignettes/skyscapeR.Rmd) packages
* One of chapters 2, 6, 7, 8, or 9 from [How to Do Archeological Science Using R](https://benmarwick.github.io/How-To-Do-Archaeological-Science-Using-R/)