**Final Project Notebook Guidance**

* The notebook should tell the *story* of your modeling and learning experience. I’ve set up the outline to help you do this.  Think about the overall arc of your project and use the notebook to explain the most important aspects of your thinking and what you’ve learned.  Make time to take a step back from the individual parts of the notebook to think about how it flows as a complete document.
* Markdown cells, not code cells, are where you convey your thinking and methodology.
  + I won’t read your code cells to understand your thinking or methods
  + I will only use your code cells to *verify* your workflow
* Less is more when it comes to code output and visualizations. Any output should serve a purpose for the reader of the notebook, and you should make that purpose clear in your markdown cells.  For example:
  + Don’t display every line of a dataframe; use `.head()` or printouts of specific parts of a dataframe judiciously. Display contents of a dataframe when you want to show the reader something specific, and explain your thinking in a markdown cell.
  + Use visualizations to tell your story, but make sure you explain in markdown cells what’s important about your visualizations. If you can’t tell the reader what’s important about the visualization, leave it out!
  + Suppress output of functions unless it is crucial to explain your thinking and demonstrate your workflow.
  + Generally, the notebook should not contain copious amounts of data, function outputs, plots. Think of your notebook as a giant function with a `verbose` argument…I want verbose = FALSE.