Executable Manuscript || Quarto

## Creating an **“Executable Manuscript”** using Quarto

**Quarto** is the next generation of Rmarkdown and can be used to perform data analysis and word processing in the same document. It can export multiple formats including html, Word, and PowerPoint. It can also handle citations and automatically create a bibliography.

The goal for this document is to provide instructions for setting up and using **Quarto**.

### Quarto Setup

You have probably already completed some of these steps.

* [Install R](https://cran.microsoft.com/)
* [Install RStudio](https://www.rstudio.com/products/rstudio/download/)
* Install {quarto} using install.packages("quarto").
* Other packages you might find useful:
  + {rio} - import/export
  + {here} - locating files/exports
  + {janitor} - mainly just for the clean\_names() function.
  + {pacman} - can be used to import/install multiple packages at once.

### Packages and R Setup

# install.packages("pacman") # uncomment if you need to install {pacman}  
  
pacman::p\_load(rio, here, janitor, tidyverse)  
  
pacman::p\_load(palmerpenguins) # example data set