Intro to Markdown

*writing repoducible reports*

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# R Markdown - MS Word

## Objectives

* reference template
* tables
* citations

# Palmer Penguins

## Tables

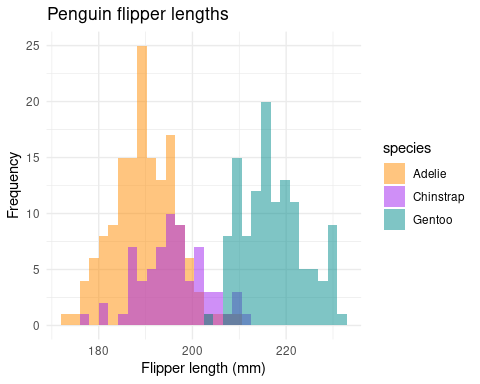
penguins %>%   
 group\_by(species) %>%   
 select(contains(c("length", "depth", "mass"))) %>%   
 summarize\_all(., mean, na.rm = TRUE) %>%  
 pander(caption = "Summarized Data", format = "html")

Summarized Data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| species | bill\_length\_mm | flipper\_length\_mm | bill\_depth\_mm | body\_mass\_g |
| Adelie | 38.79 | 190.0 | 18.35 | 3,701 |
| Chinstrap | 48.83 | 195.8 | 18.42 | 3,733 |
| Gentoo | 47.50 | 217.2 | 14.98 | 5,076 |

## Plots

You can also embed plots, for example:



Caption for the plot created

Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.

## Equations

equation can be written inline or equations can be centered in their own block