Table of contents

# First level header

We will focus on rendering a Word document. The format is controlled with a combination of markdown syntax and a Microsoft Word reference document.

For more info on how to generate a reference template, see [Happy collaboration with Rmd to docx](https://rmarkdown.rstudio.com/articles_docx.html) or the CMAR SOP0008.

A single # indicates a first-level header.

## Second level header

## indicates a second-level header.

We are going to use the [palmerpenguins](https://allisonhorst.github.io/palmerpenguins/) data set to explore making reports with Quarto.

This data set contains size measurements for 344 penguins from three species observed on three islands in the Palmer Archipelago, Antarctica.

# Analysis

Here is where we do some analysis on the data. If anything in the dataset changes, we just need to re-render the document for updated tables and figures!

## Summary Tables

The table format is set using Microsoft Word Styles.

### Table 1

# A tibble: 3 × 2  
 species n  
 <fct> <int>  
1 Adelie 152  
2 Chinstrap 68  
3 Gentoo 124

### Table 2

# A tibble: 3 × 5  
 species bill\_length\_mm bill\_depth\_mm flipper\_length\_mm body\_mass\_g  
 <fct> <dbl> <dbl> <dbl> <dbl>  
1 Adelie 38.8 18.4 190. 3701.  
2 Chinstrap 48.8 18.4 196. 3733.  
3 Gentoo 47.5 15.0 217. 5076.

## Figures

The figure format (size, resolution, caption) are set in the code chunk.

|  |
| --- |
| Figure 1: Flipper and bill length. |