Quarto Workshop! RezBaz 2022

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| YAML exercise |
| * Fill the title: and name: and affiliation: fieds.   + a couple of handy entries are already completed   + the existing field: date: today will automatically generate today’s date (cool huh? ͡▀̿ ̿ ͜ʖ ͡▀̿ ̿ ) * Add a table of contents following the [guide](https://quarto.org/docs/output-formats/html-basics.html) * Remove this callout block and render the document * Give me a :heavy\_check\_mark: when done or a :hand: if you need help |

# Introduction

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| Markdown exercise |
| * Check out [Quarto’s markdown guide](https://quarto.org/docs/authoring/markdown-basics.html) * and the [biostats guide to writing (equations section)](https://biostats-r.github.io/biostats/quarto/04-figures-tables.html#equations)   In the template Introduction section take 3-4 minutes to write:   * a sub-heading under the introduction * a list * and an equation (inline or as a block) * cite one of the articles in in existing .bib file using the @ * remove this callout and render the document and hit the :heavy\_check\_mark: in zoom |

# Libraries

Generally it is good practice to include a list of packages you use up front. But you may not need to show them in the output or list them in the table of contents. The {.unnumbered .unlisted} commands following the heading remove this section from the table of contents but it will remain in the text. Quarto accepts multiple coding languages, the following example uses R. I have set up working R code chunks so that for this tutorial you do not need to be familiar with R. Here, we will experiment with a few code [execution options](https://quarto.org/docs/computations/execution-options.html).

If you want to use Python code check out the documentation [here](https://quarto.org/docs/computations/python.html#overview).

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| Code block exercise |
| * Check out the [Block options](https://quarto.org/docs/computations/execution-options.html) and edit (and add to) the existing code block options below to: * exclude the results, messages and warnings * exclude the code from the HTML output * render the document and hit the :heavy\_check\_mark: in zoom |

if (!require("pacman")) install.packages("pacman", repos="http://cran.r-project.org")

Loading required package: pacman

Warning: package 'pacman' was built under R version 4.2.2

pacman::p\_load(ggplot2, palmerpenguins) # Install & load packages

# Tabsets

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| Tabset exercise |
| * Check out the [tabset panel documentation](https://quarto.org/docs/interactive/layout.html#tabset-panel) * Create a tabset with three tabs in the template under the Tabsets heading   + Does not matter what they contain but feel free to blurb something in there * render the document and hit the :heavy\_check\_mark: in zoom |

# Images

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| Images exercise |
| * There is a (royalty free) XKCD comic inside the images directory in the repo. using the syntax described above, insert the image into one of the tabsets you just created. * render the document and hit the :heavy\_check\_mark: in zoom |

## let’g go Git it

You’re now ready to host your first live link!

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| GitHub |
| * Render your project so that most recent changes are exported * In the source control on the left commit and push your changes   + You can do this however you prefer, commandline, GUI, source control… * Head over to GitHub in your browser and go:   + Settings -> GitHub pages -> enable github pages * By default, your link will be hosted at: https://githubusername.github.io/reponame/pathtodocument.html   + The repo can remain private but anyone who has the link can view it. * Find your hosted template link and share with the world! |

# References

References are generated by default so include a final empty heading (delete this text) called References or Bibliography, or whatever is appropriate.