# Additional Resources

## R Markdown and Quarto

R Markdown and Quarto are publishing systems that allow you to combine text, code and output in a single document and facilitate the production of "reproducible research". For both file types, the source file (.Rmd or .Qmd file) is compiled to create an HTML file, PDF file, or many other document formats. Quarto was released mid-2022 and provides a multi-language, next generation version of R Markdown. Both formats can be created using R Studio.

### R Markdown ⌃

- Introduction to R Markdown https://rmarkdown.rstudio.com/lesson-1.html ↪ (https://rmarkdown.rstudio.com/lesson-1.html)
- Compiling R Markdown to PDF
  - Troubleshooting tips Compiling RMD to PDF using knitr 2022.pdf (https://canvas.aut.ac.nz/courses/17750/files/5227786?wrap=1) ↓ (https://canvas.aut.ac.nz/courses/17750/files/5227786/download?download_frd=1)
  - To view PDF automatically: RStudio/Tools/Global Options/ Sweave/PDF Preview/ Rstudio Viewer

- Demos
  - example_Rmd.zip (https://canvas.aut.ac.nz/courses/17750/files/5227787?wrap=1) ↓ (https://canvas.aut.ac.nz/courses/17750/files/5227787/download?download_frd=1)
  - Rmd_to_PDF.zip (https://canvas.aut.ac.nz/courses/17750/files/5227785?wrap=1) ↓ (https://canvas.aut.ac.nz/courses/17750/files/5227785/download?download_frd=1)

## Quarto ⌃

- Introduction to Quarto  https://quarto.org/ ⇨ (https://quarto.org/)
- FAQ for R Markdown Users https://quarto.org/docs/faq/rmarkdown ⇨ (https://quarto.org/docs/faq/rmarkdown)

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**(https://canvas.aut.ac.nz/courses/17750/modules/items/872185)**

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**Home**

R and RStudio

**(https://canvas.aut.ac.nz/courses/17750/modules/items/872187)**
**Week 1**

Week 1 Overview

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