

Exercise 1

new document

- Create a new Quarto document and give it a name.
- Write a simple document with a title and some text.

markdown basics

- In your document, create headings of different levels (e.g., H1, H2).
- Add a bullet list and a numbered list - check out the formatting options

tables

- Create a simple table with sample data in your Markdown document.
- Use Quarto's table formatting options to style the table.

images

- Download a picture and add this image your document, now use the link to the picture to embed it.
 - Check out the options once the picture is embedded (with the three dots in the right corner) - change size and position of the picture
 - What are the advantages/disadvantages of using a downloaded image vs. a link?

writing code

- Insert a R code chunk into your document.
- Insert a R code chunk that is executable in your document.
- Write a simple R expression inside the code chunk (calculate $2 + 2$) and display the result.
- Can you spot the difference within different types of code blocks?

citations and cross references

- Include a bibliography in your Quarto project. Cite a reference in your document and render it in the bibliography.
- Create a section with a label in your document. Add a cross-reference to that section in another part of the document.

YAML header

- in the header: add the names of the group members as authors

- play around with other options like title, background-color and others

Rendering

- render to html
- check out the result

Exercise 2

R as a calculator

In the same Quarto-doc:

1. What's: **$12+8*145-28+13/2$** ?
2. Is the result the same as **$5*243$** ? - check by hand and with true/false
3. Take the square root the first and the second calculation
4. Round the results to whole numbers