

MTH 459, Quarto Tutorial #3, Spring 2025

Some aspects of these Quarto Tutorials will be review, but it will be good to have some clear and specific examples/templates for you to work with going forward and for presenting the results of your capstone project. Each of these Quarto tutorials will render a different type of document: HTML, Word, PowerPoint, and LaTeX/pdf.

Render your document as a PowerPoint presentation.

Start with your file from the last quarto tutorial and make the following adjustments:

1. Update the YAML header to render the document to a PowerPoint file instead of docx
format: pptx
2. Experiment with different header levels to see how they render slide breaks.
3. Make sure that all your slides are readable. Break up code chunks if necessary.
4. Update the explanations so that they are more suitable for a slide presentation.
5. Add your contact information for the last slide.
6. Your PowerPoint is just black and white at this point. You can add a style by creating a template for it.
 - Open PowerPoint and create a new presentation with the desired slide layouts, colors, fonts, and other design elements you want to use in your Quarto slides. Save this template as a .pptx file.
 - Include the following in your YAML header:
reference-doc: "path/to/my_custom_template.pptx"
 - Put your file somewhere it's easy to find. Your styles should match your presentation content, but there are ways to override the template styles. Experiment with some simple things like backgrounds, title slides, etc.
 - You may also find the quarto page on this useful:
<https://quarto.org/docs/presentations/powerpoint.html>

Or, you can render your PowerPoint first and then open it in PowerPoint to add a theme or style after the fact.

7. After rendering your PowerPoint, submit your PowerPoint file to the dropbox in Blackboard. It only needs to be about 5-7 slides.