Single Source, Many Outputs

## Description

In this technical challenge, you explore concepts and processes that are central to writing with digital technologies as you use Quarto to create and publish web content.

## Goals

This assignment is designed to help you:

* gain experience with tools and processes used to create technical content, e.g. markdown, YAML, and single-source publishing
* learn and apply concepts that inform modern technical communication, e.g. single sourcing, topic-based authoring, content management, content strategy
* practice using git and github for version control and github pages for web publishing

## Tools

Toward that end, you will use a few key tools:

* RStudio. The interface you will use for authoring.
* Markdown. The syntax you will use for authoring.
* YAML. The language you will use to configure your content generation.
* Quarto. The publishing “system.”

## The Challenge

* Build a piece of content by combining granular content components
* Generate multiple output formats from that content
* Bonus: Use some advanced Quarto features
* Double Bonus: change the content based on the output format

## Submission

As before, you’ll submit a 2-3 page project narrative that includes:

* a link to the github repository where your project lives
* a link to your published site
* a discussion of your learning process & strategy,
* a description of your artifact and the choices you made
* a reflection on challenges, triumphs, and lessons learned.