

# A PAGED HTML THESIS TEMPLATE FOR R MARKDOWN USERS

*A {pagedown} template.*

by

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Department of Templates

Submitted in partial fulfillment of  
the requirements for the degree of

Master of Documentation

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St. Catharines, ON

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This thesis entitled

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And has been duly approved by

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Chair of Department, Dr. Jane Doe III

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Faculty Advisor, Dr. John Smith

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Date

## **Dedication**

*A dedication line or two goes here.*

## **Abstract**

This is the abstract.

## **Preface**

A preface to the thesis.

## **Acknowledgement**

Put the acknowledgements here.

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## List of Tables

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## List of Figures

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## **List of Abbreviations**

BT

Brent Thorne

HTML

Hyper Text Markup Language

## Literature Review

This is where you can include a lit review if you don't wish for it to be an individual chapter or to be numbered. To make sure that a section heading is not numbered use the {-} notation beside the header text like this:

***markdown:***

```
# Literature Review {-}
```

```
This is where you can include a lit review if you don't wish for it to  
be an individual chapter or to be numbered. To make sure that a  
section heading is not numbered use the `{-}` notation beside  
the header text like this:
```

# Chapter 1 The Basics

## 1.1 Introduction

This template is based on the `pagedown::html_paged` template and modified to meet the requirements of a generic thesis document. Standard RMarkdown formatting can be used for smooth and distraction free writing, for example I will add a citation for the `{knitr}` package which is located in the `Thesis.bib` file auto-generated in this template ([Xie 2021](#)).

Thanks to the [help](#) of [Romain Lesur](#) this template has the ability to tag section headers with the word “Chapter.” To have your chapters display as this one (*Chapter 1 The Basics*) use the `{.chapter}` class like this:

### ***rmarkdown***

```
---
output:
  pagedown::thesis_paged
  number_Sections: yes
---
# The Basics {.chapter}

## Introduction

This template is based on the `pagedown::html_paged` template...
```

## 1.2 Second level heading

Here is some code and a plot, with a figure caption, Figure [1.1](#):

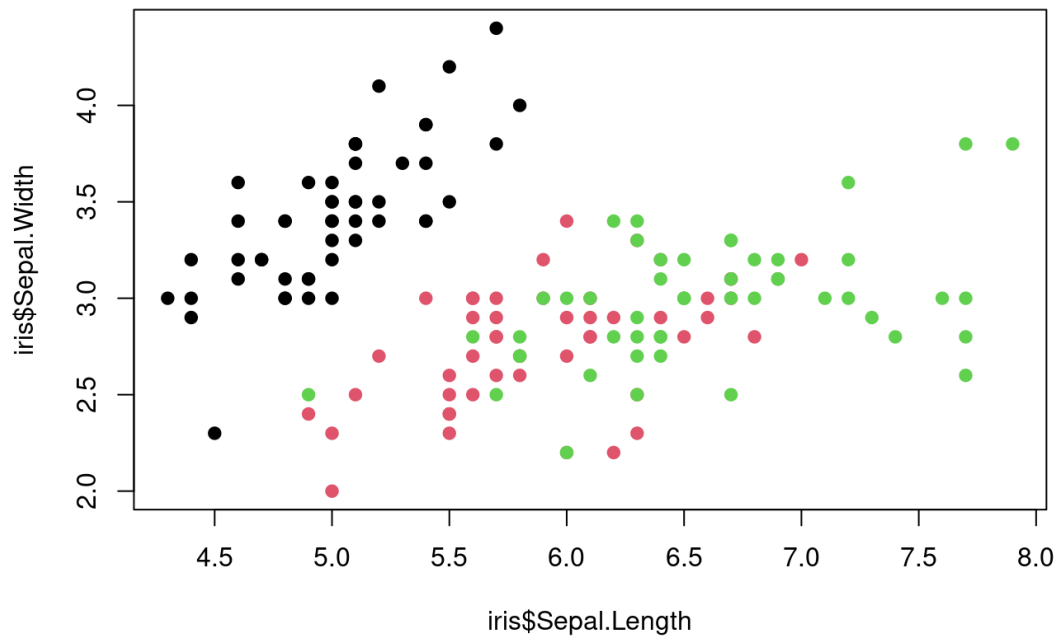


Figure 1.1: The automatic numbering of this figure will only work if it includes a figure caption, user beware!

Here is an example of an abbreviation where I use the `<abbr>` html tag B.T.. In the future there may be a pandoc solution to abbreviation management, however HTML is the way to go for now.

## Chapter 2 Understanding the method to the madness

Need formulas? Here's some mathjax notation:

$$\beta = \sum^{1-k} \frac{\delta D}{\sum \frac{\Delta \gamma A}{X-i}}$$

### 2.1 Adding Tables

You can easily add tables to this document like so, and you can also reference them like a figure, Table 2.1:

Table 2.1: A caption for the table.

| Sepal L | Sepal W | Petal L | Petal W | Species |
|---------|---------|---------|---------|---------|
| 5.1     | 3.5     | 1.4     | 0.2     | setosa  |
| 4.9     | 3.0     | 1.4     | 0.2     | setosa  |
| 4.7     | 3.2     | 1.3     | 0.2     | setosa  |
| 4.6     | 3.1     | 1.5     | 0.2     | setosa  |

### Chapter 3 The final chapter to my pretend thesis

There are still a few features that would be nice to implement in the future for this template.

For instance:

1. It would be great to have the ability to use the `{redoc}` package to help those who have the ever dreaded “USE WORD ONLY” supervisors.
2. It would also be great to have the ability to generate a *Reference* section for each *Chapter* for those who are writing in the “integrated article” format.
3. Along with that, it would be great to pull the YAML data from a child .Rmd file and use it as a way to add the Chapter titles and any other subsequent information (for example a thesis chapter can often actually be a full manuscript and or published paper which would need to have all authors listed for that chapter specifically as well as the journal publication information/ citation data).

## References

Xie, Yihui. 2021. *Knitr: A General-Purpose Package for Dynamic Report Generation in r*.  
<https://yihui.org/knitr/>.



## APPENDIX I

| Sepal.Length | Sepal.Width | Petal.Length | Petal.Width | Species |
|--------------|-------------|--------------|-------------|---------|
| 5.1          | 3.5         | 1.4          | 0.2         | setosa  |
| 4.9          | 3.0         | 1.4          | 0.2         | setosa  |
| 4.7          | 3.2         | 1.3          | 0.2         | setosa  |
| 4.6          | 3.1         | 1.5          | 0.2         | setosa  |
| 5.0          | 3.6         | 1.4          | 0.2         | setosa  |
| 5.4          | 3.9         | 1.7          | 0.4         | setosa  |
| 4.6          | 3.4         | 1.4          | 0.3         | setosa  |
| 5.0          | 3.4         | 1.5          | 0.2         | setosa  |
| 4.4          | 2.9         | 1.4          | 0.2         | setosa  |
| 4.9          | 3.1         | 1.5          | 0.1         | setosa  |

