

# **On Concrete**

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# Table of contents

<b>Preface</b>	<b>3</b>
<b>1 Introduction</b>	<b>4</b>
1.1 Imports . . . . .	4
1.2 Plotting . . . . .	4
<b>2 Summary</b>	<b>6</b>
<b>I Basics</b>	<b>7</b>
<b>3 Basics</b>	<b>9</b>
<b>II Advanced Topics</b>	<b>10</b>
<b>4 Advanced Topic #1</b>	<b>12</b>
<b>III Special Topics in Concrete</b>	<b>13</b>
<b>IV Experimental Methods in Concrete</b>	<b>15</b>
<b>V Computational Methods in Concrete</b>	<b>17</b>
<b>References</b>	<b>19</b>
<b>Appendices</b>	<b>20</b>
<b>A Tools</b>	<b>20</b>

# Preface

This is a Quarto book.

To learn more about Quarto books visit <https://quarto.org/docs/books>.

1 + 1

[1] 2

Here we attempt to make some changes and watch it update as we save.

Trying some more edits.

Here be an edit.

More edits.

[Google](#)

# 1 Introduction

This is a book created from markdown and executable code.

See Knuth (1984) for additional discussion of literate programming.

## 1.1 Imports

```
library(tidyverse)
```

```
-- Attaching packages ----- tidyverse 1.3.2 --v ggplot2 3.1.1
v tibble 3.1.8      v dplyr 1.0.10
v tidyr 1.2.1      v stringr 1.4.0
v readr 2.1.2      v forcats 0.5.2 -- Conflicts -----
x dplyr::filter() masks stats::filter()
x dplyr::lag()    masks stats::lag()
```

## 1.2 Plotting

```
library(ggplot2)

ggplot(airquality, aes(Temp, Ozone)) +
  geom_point() +
  geom_smooth(method = "loess"
)

```

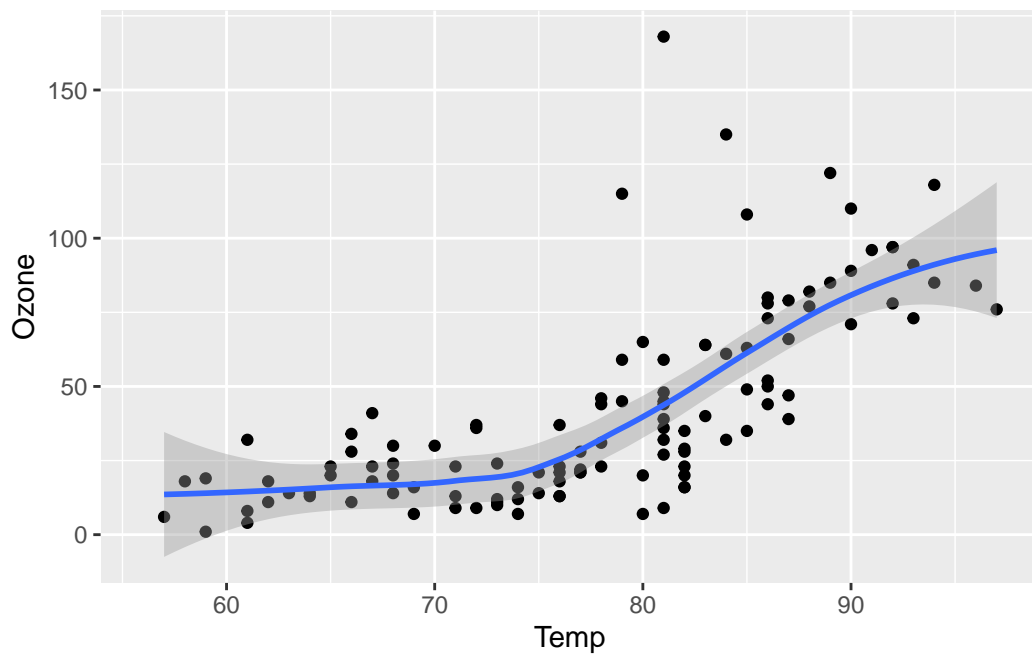


Figure 1.1: Temperature and ozone level.

## 2 Summary

In summary, this book has no content whatsoever.

$1 + 1$

[1] 2

# **Part I**

## **Basics**

This section of the book is intended to serve as a foundational introduction to modern concrete.



## 3 Basics

## **Part II**

# **Advanced Topics**

This section will delve into somewhat more advanced topics in modern concrete. This Part is not written for the practitioner.

## **4 Advanced Topic #1**

**Part III**

**Special Topics in Concrete**

**5**

## **Part IV**

# **Experimental Methods in Concrete**

**6**



## **Part V**

# **Computational Methods in Concrete**

**7**

## References

Knuth, Donald E. 1984. “Literate Programming.” *Comput. J.* 27 (2): 97–111. <https://doi.org/10.1093/comjnl/27.2.97>.

## A Tools