

[Name of Workshop][Year]

Instructors: [list instructor names here]

[Insert dates of the workshop]



# Contents

<b>I</b>	<b>Introduction</b>	<b>5</b>
<b>1</b>	<b>Welcome</b>	<b>7</b>
<b>2</b>	<b>Course Schedule</b>	<b>9</b>
2.1	Pre-workshop Materials . . . . .	9
2.2	Computing Setup & Downloads . . . . .	9
2.3	Meet Your Faculty . . . . .	9
2.4	Class Photo . . . . .	11
<b>II</b>	<b>Modules</b>	<b>13</b>
<b>3</b>	<b>Module 1</b>	<b>15</b>
3.1	Lecture . . . . .	15
3.2	Lab . . . . .	17
<b>4</b>	<b>Module 2</b>	<b>19</b>
4.1	Lecture . . . . .	19
4.2	Lab . . . . .	19



## Part I

# Introduction



# Chapter 1

## Welcome

Welcome to CBW's [workshop name, year] Workshop!

Put some introductory content here. (ex. links to [bioinformatics.ca](http://bioinformatics.ca), general info)





## Chapter 2

# Course Schedule

Copy paste a table into [https://www.tablesgenerator.com/markdown\\_tables](https://www.tablesgenerator.com/markdown_tables) (select convert to markdown) to create a table in markdown.

### 2.1 Pre-workshop Materials

Click here for your prework!

### 2.2 Computing Setup & Downloads

Insert downloads (ex. datasets) or other tech instructions here (ex. AWS Instructions)

### 2.3 Meet Your Faculty

Here's your team!

#### 2.3.1 Instructor, TA, ...

Job Title Company/University/... Location

— contact information

[insert description of the person]

### 2.3.2 Michelle Brazas, PhD



Scientific Director Canadian Bioinformatics Workshops (CBW)  
Toronto, ON, CA

— [support@bioinformatics.ca](mailto:support@bioinformatics.ca)

Dr. Michelle Brazas is the Associate Director for Adaptive Oncology at the Ontario Institute for Cancer Research (OICR), and acting Scientific Director at Bioinformatics.ca. Previously, Dr. Brazas was the Program Manager for Bioinformatics.ca and a faculty member in Biotechnology at BCIT. Michelle co-founded and runs the Toronto Bioinformatics User Group (TorBUG) now in its 11th season, and plays an active role in the International Society of Computational Biology where she sits on the Board of Directors and Executive Board.

### 2.3.3 Nia Hughes (she/her)



Program Manager, Bioinformatics.ca Ontario Institute for Cancer  
Research Toronto, ON, Canada

— [nia.hughes@oicr.on.ca](mailto:nia.hughes@oicr.on.ca)

Nia is the Program Manager for Bioinformatics.ca, where she coordinates the Canadian Bioinformatics Workshop Series. Prior to starting at OICR, she completed her M.Sc. in Bioinformatics from the University of Guelph in 2020 before working there as a bioinformatician studying epigenetic and transcriptomic patterns across maize varieties.

## 2.4 Class Photo

<- Replace the file address to your actual class photo file location



# Part II

## Modules



# Chapter 3

## Module 1

Welcome to module 1!

### 3.1 Lecture

Here is an example of a pdf embedded:

## Sample PDF

*This is a simple PDF file. Fun fun fun.*

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus facilisis odio sed mi. Curabitur suscipit. Nullam vel nisi. Etiam semper ipsum ut lectus. Proin aliquam, erat eget pharetra commodo, eros mi condimentum quam, sed commodo justo quam ut velit. Integer a erat. Cras laoreet ligula cursus enim. Aenean scelerisque velit et tellus. Vestibulum dictum aliquet sem. Nulla facilisi. Vestibulum accumsan ante vitae elit. Nulla erat dolor, blandit in, rutrum quis, semper pulvinar, enim. Nullam varius congue risus. Vivamus sollicitudin, metus ut interdum eleifend, nisi tellus pellentesque elit, tristique accumsan eros quam et risus. Suspendisse libero odio, mattis sit amet, aliquet eget, hendrerit vel, nulla. Sed vitae augue. Aliquam erat volutpat. Aliquam feugiat vulputate nisl. Suspendisse quis nulla pretium ante pretium mollis. Proin velit ligula, sagittis at, egestas a, pulvinar quis, nisl.

Pellentesque sit amet lectus. Praesent pulvinar, nunc quis iaculis sagittis, justo quam lobortis tortor, sed vestibulum dui metus venenatis est. Nunc cursus ligula. Nulla facilisi. Phasellus ullamcorper consectetur ante. Duis tincidunt, urna id condimentum luctus, nibh ante vulputate sapien, id sagittis massa orci ut enim. Pellentesque vestibulum convallis sem. Nulla consequat quam ut nisl. Nullam est. Curabitur tincidunt dapibus lorem. Proin velit turpis, scelerisque sit amet, iaculis nec, rhoncus ac, ipsum. Phasellus lorem arcu, feugiat eu, gravida eu, consequat molestie, ipsum. Nullam vel est ut ipsum volutpat feugiat. Aenean pellentesque.

In mauris. Pellentesque dui nisi, iaculis eu, rhoncus in, venenatis ac, ante. Ut odio justo, scelerisque vel, facilisis non, commodo a, pede. Cras nec massa sit amet tortor volutpat varius. Donec lacinia, neque a luctus aliquet, pede massa imperdiet ante, at varius lorem pede sed sapien. Fusce erat nibh, aliquet in, eleifend eget, commodo eget, erat. Fusce consectetur. Cras risus tortor, porttitor nec, tristique sed, convallis semper, eros. Fusce vulputate ipsum a mauris. Phasellus mollis. Curabitur sed urna. Aliquam nec sapien non nibh pulvinar convallis. Vivamus facilisis augue quis quam. Proin cursus aliquet metus. Suspendisse lacinia. Nulla at tellus ac turpis eleifend scelerisque. Maecenas a pede vitae enim commodo interdum. Donec odio. Sed sollicitudin dui vitae justo.

Morbi elit nunc, facilisis a, mollis a, molestie at, lectus. Suspendisse eget mauris eu tellus molestie cursus. Duis ut magna at justo dignissim condimentum. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Vivamus varius. Ut sit amet diam suscipit mauris ornare aliquam. Sed varius. Duis arcu. Etiam tristique massa eget dui. Phasellus congue. Aenean est erat, tincidunt eget, venenatis quis, commodo at, quam.

Here is an example of a YouTube video embedded:

^ HEIGHT HAS A BUG

### 3.1.1 Downloads

[insert your downloads for this module here (ex. datasets)]



## 3.2 Lab

[Your lab here]

```
# Your R code here
```

```
# For example:
```

```
x <- 42
```

```
x
```

```
## [1] 42
```

```
# Your python code here
```

```
# For example:
```

```
print("hello world")
```

```
## hello world
```

```
# Your bash code here
```

```
# For example:
```

```
pwd
```

```
## /Users/jqiu/Documents/CBWgithub/cbw-dev-templates-docs/bookdown-template
```

Try running these code “chunks” by pressing the green (left-pointing) triangle next to your code chunks.

You will see the code run in the console and the output provided below the code chunk.

The output of the code will also be produced under the code chunk on your website page.



# Chapter 4

## Module 2

### 4.1 Lecture

### 4.2 Lab

put some example of producing images, show chunk options

```
{r, pressure-plot, echo=FALSE}, plot(pressure)
```

- include formatting options