

Intro to Quarto

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Introduction

Welcome to this Quarto demo! Quarto is a powerful tool for creating dynamic documents, presentations, and websites. In this demo, I'm going to cover some basic features.

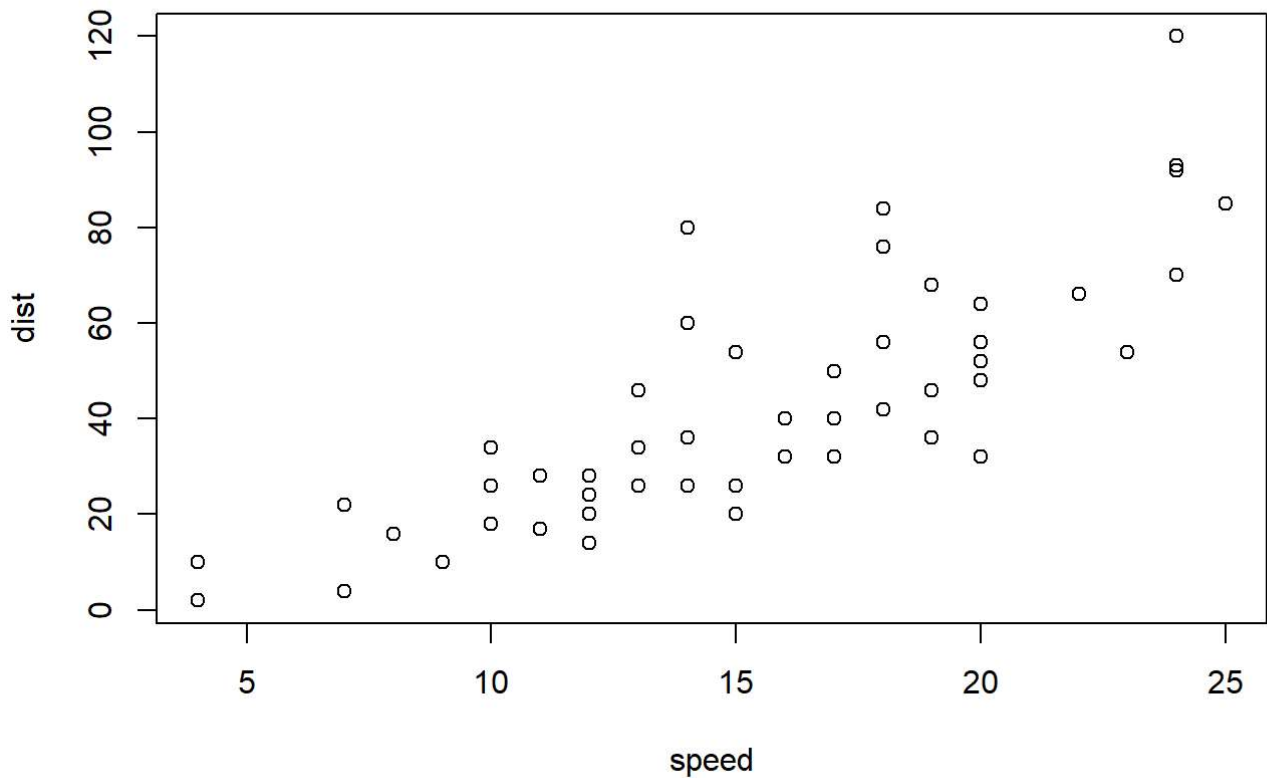
Code Chunks [↗](#)

You can include code chunks in various coding languages. Here's an example of an R code chunk:

```
# This is an R code chunk
summary(cars)
```

	speed		dist
Min.	: 4.0	Min.	: 2.00
1st Qu.:	12.0	1st Qu.:	26.00
Median	:15.0	Median	: 36.00
Mean	:15.4	Mean	: 42.98
3rd Qu.:	19.0	3rd Qu.:	56.00
Max.	:25.0	Max.	:120.00

```
# This R chunk makes a graph
plot(cars)
```

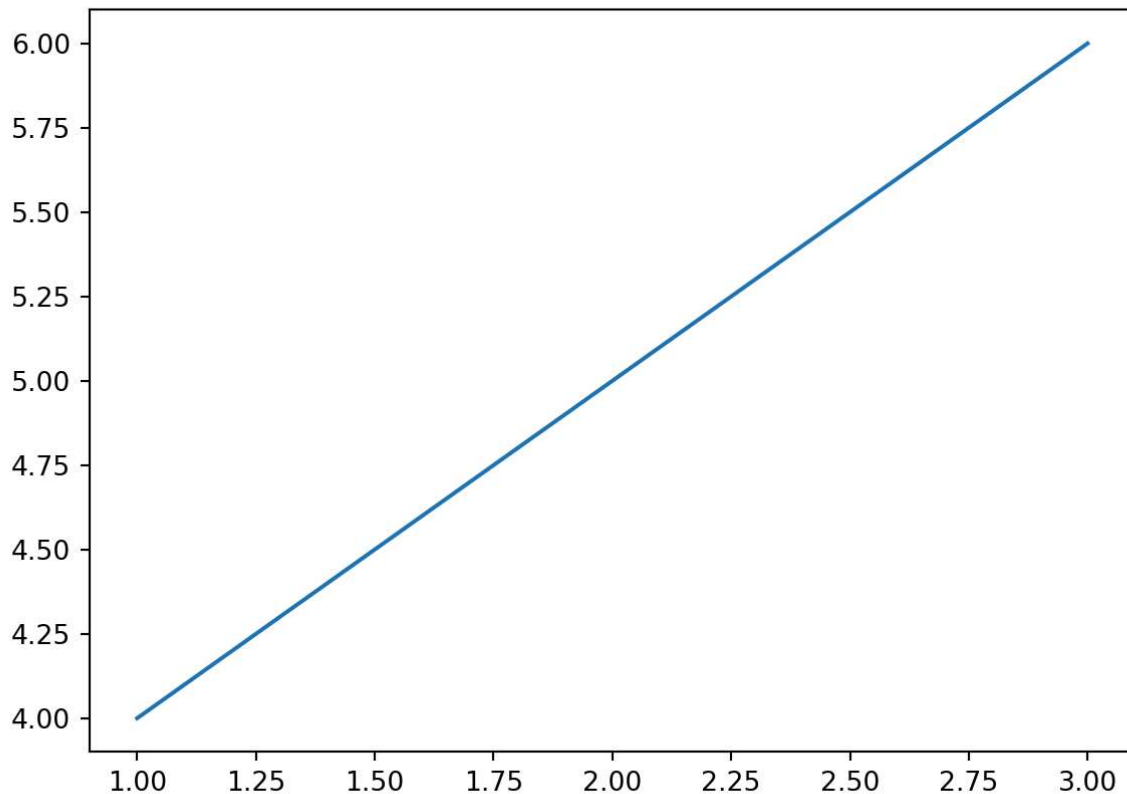


But we can also code in python:

```
# This is a Python code chunk
import numpy as np
print(np.mean([1, 2, 3, 4, 5]))
```

3.0

```
# This Python chunk makes a graph
import matplotlib.pyplot as plt
plt.plot([1, 2, 3], [4, 5, 6])
plt.show()
```



Reports

The markdown element of Quarto allows you to format text with *italic emphasis* and **bold emphasis**. You can also add superscripts², subscripts₂, and display in-text code `verbatim`. You can also ~~strike through~~ text and present it in SMALL CAPS.

You can embed [links with names](#), direct urls like <https://quarto.org/>, and links to [other places](#) in the document.

Technical Writing

The area of a circle is $A = \pi r^2$, where r is the radius and π is the constant 3.141592...

A larger equation:

$$f(x) = \sqrt{\frac{\tau}{2\pi}} e^{-\tau(x-\mu)^2/2}$$

Images

The syntax for inserting links is similar for embedding an inline image:



Or images as block element...



NADOLIG

You can change the position of these images:



Figure 1: Smaller Right NADOLIG

Can do the same for figures:

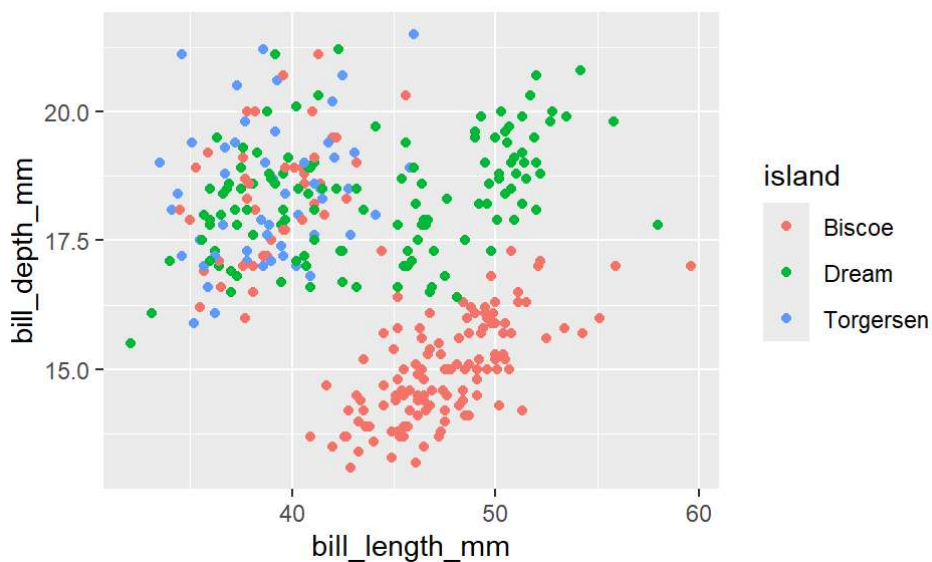


Figure 2: **Figure about Bills of Palmer Penguins**

Cross Referencing

Figures

First image **?@fig-nadolig**

Second image [Figure 1](#)

Figure [Figure 2](#)

Citations

Here are two references I made earlier: ([Johns et al. 2022](#); [Raichle 2015](#))

Let's add some more ((F❖Idi 1998))

Footnotes

Where is the footnote?¹

References

- F❖Idi, Ethel. 1998. "The Treatment of Lymphedema." *Cancer* 83 (S12B): 2833–34.
[https://doi.org/10.1002/\[\(sici\)1097-0142\(19981215\)83:12b+<2833::aid-cncr35>3.0.co;2-3.](https://doi.org/10.1002/[(sici)1097-0142(19981215)83:12b+<2833::aid-cncr35>3.0.co;2-3.)
- Johns, Gemma, Bethan Whistance, Sara Khalil, Megan Whistance, Bronwen Thomas, Mike Ogonovsky, and Alka Ahuja. 2022. "Digital NHS Wales: A Coding Reliability Analysis Based on the Voices of 22978 Patients and Clinicians on the Benefits, Challenges and Sustainability of Video Consulting." *BMJ Open* 12 (4): e057874.
<https://doi.org/10.1136/bmjopen-2021-057874.>
- Raichle, Marcus E. 2015. "The Brain's Default Mode Network." *Annual Review of Neuroscience* 38 (1): 433–47.
<https://doi.org/10.1146/annurev-neuro-071013-014030.>

Footnotes

1. Here is the footnote ↩