

Using posterdown to generate reproducible conference posters via RMarkdown > Knitr > Markdown > Pandoc > Latex > PDF workflow as well as long titles...

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Introduction

Welcome to posterdown ! This is my attempt to provide a semi-smooth workflow for those who wish to take their RMarkdown skills to the conference world. Many creature comforts frim RMarkdown are available in this package such as Markdown section notation, figure captioning, and even citations like this one [1] The rest of this example poster will show how you can insert typical conference poster features into your own document.

Study Site

Here is a map made to show the study site using ggplot2, ggspatial, and sf. Lorem ipsum dolor sit amet, [2] consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Phasellus vestibulum lorem sed risus ultricies tristique nulla. Mauris vitae ultricies leo integer malesuada nunc vel risus commodo. Suspendisse potenti nullam ac tortor vitae. Enim nunc faucibus a pellentesque sit amet porttitor eget.

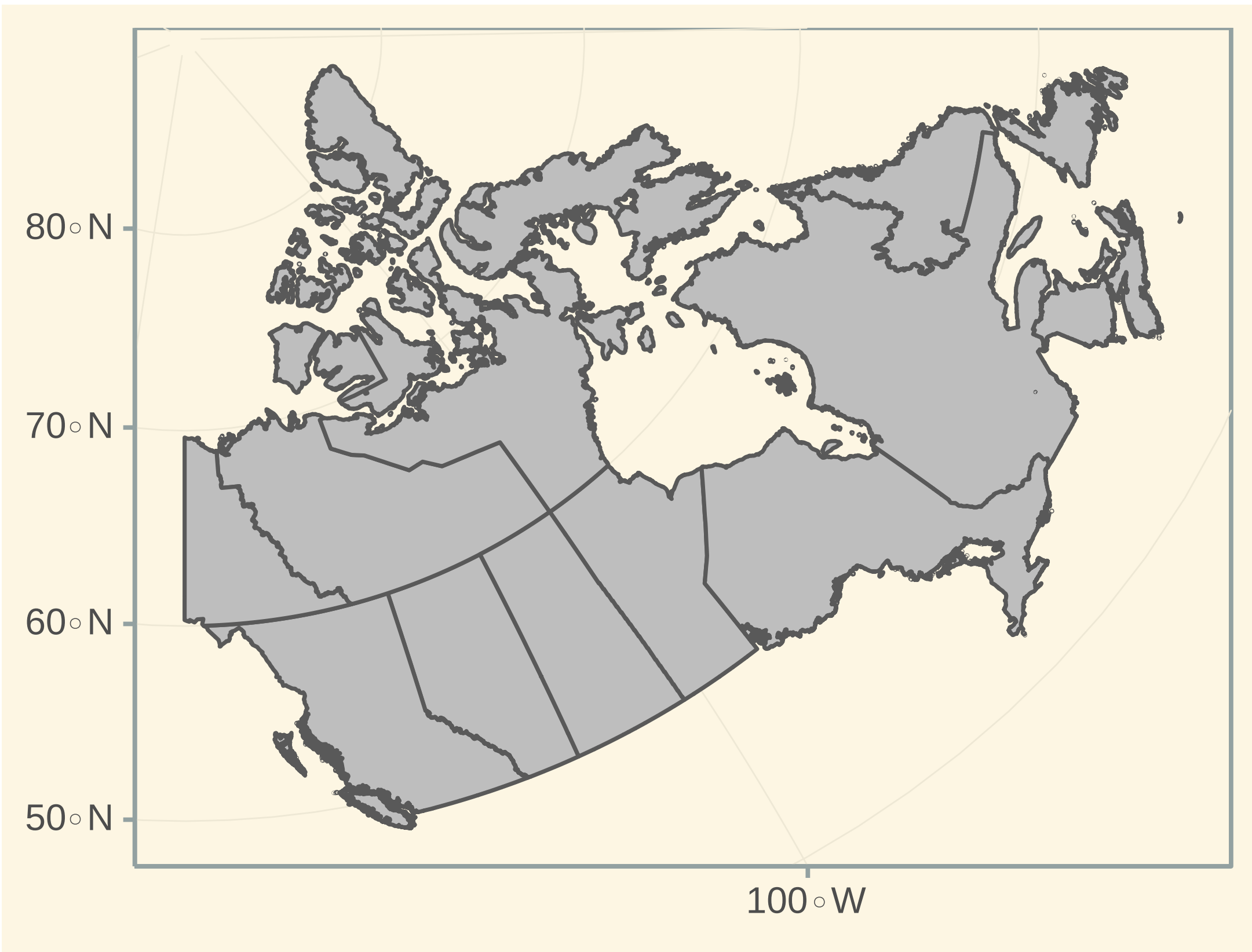


Figure 1: This is a map of Canada, projected using the NAD 83 UTM Zone 7 Datum.

Objectives

1. Easy to use reproducible poster design.
2. Integration with RMarkdown.
3. Easy transition from posterndown to thesisdown or rticles

Methods

This package uses the same workflow approach as the RMarkdown you know and love. Basically it goes from RMarkdown > Knitr > Markdown > Pandoc > Latex > PDF

Results

Table 1: Hopefully this works without much of a headache!

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

```
# Here is some code for people
# to look at and be in awe of!!!!
library(ggplot2)
library(ggthemes)

ggplot(data=iris,
  aes(x = Sepal.Width,
    y = Sepal.Length,
    colour = Species)) +
  geom_point() +
  theme_stata() +
  NULL
```

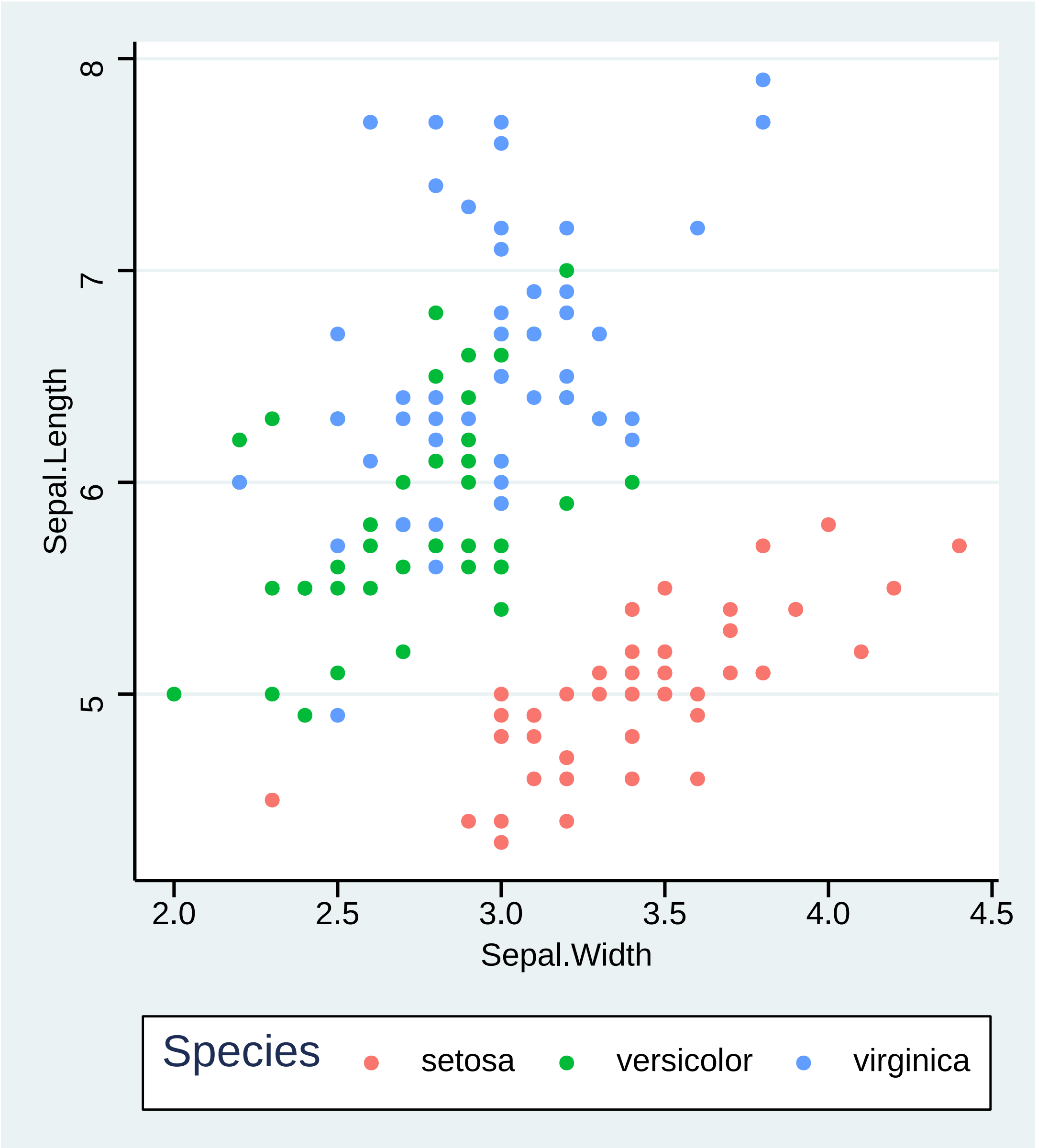


Figure 2: Another figure showing how base R plots might look on this poster!

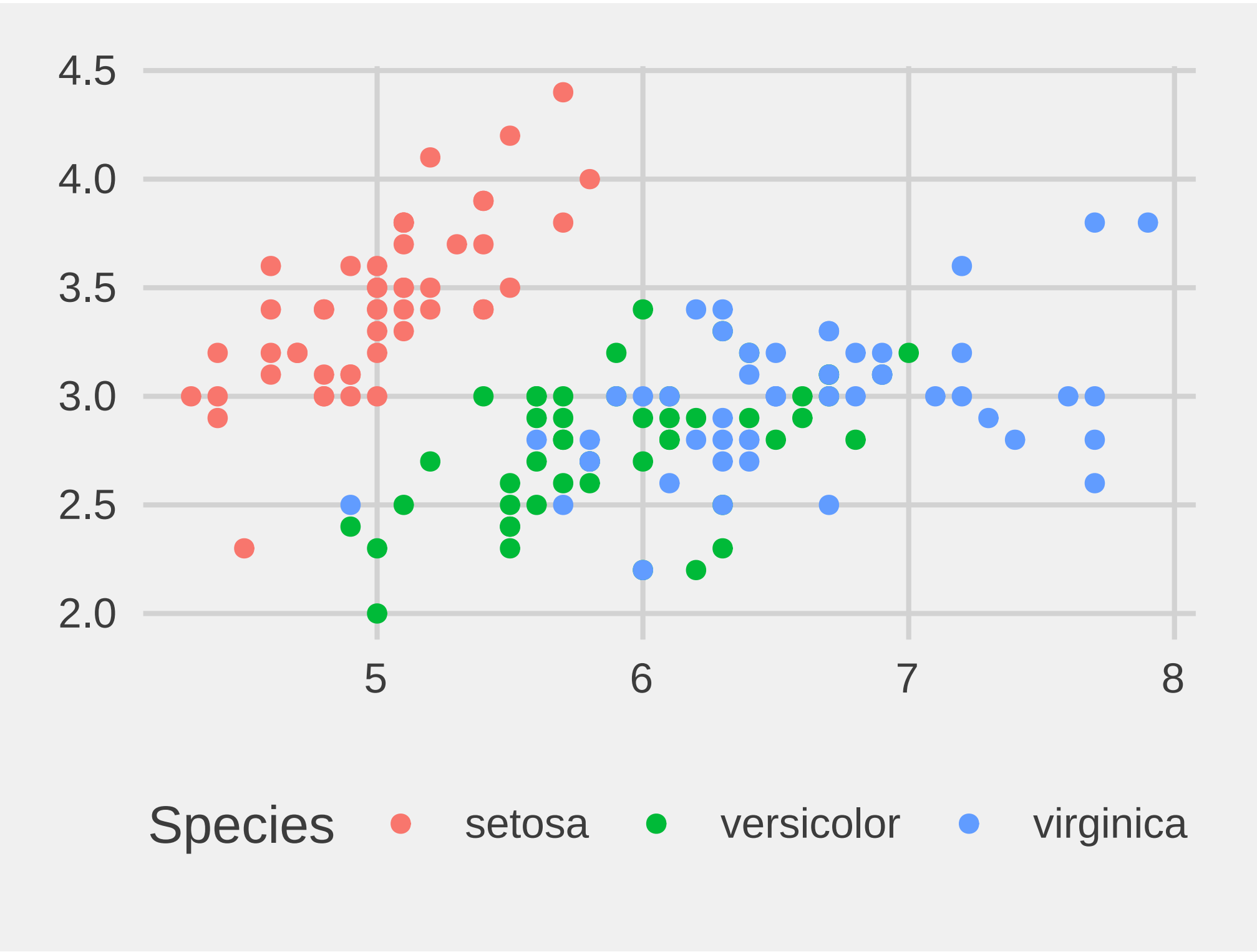


Figure 3: A typical plot using ggplot.

Next Steps

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References

[1] Eun-Jung Holden et al. "Identifying structural complexity in aeromagnetic data: An image analysis approach to greenfields gold exploration". In: *Ore Geology Reviews* 46 (Aug. 2012), pp. 47–59. ISSN: 01691368. DOI: 10.1016/j.oregeorev.2011.11.002. URL: <http://linkinghub.elsevier.com/retrieve/pii/S0169136811001454> (visited on 10/03/2018).

[2] Maarit Middleton, Tilo Schnur, and Peter Sorjonen-Ward. "GEOLOGICAL LINEAMENT INTERPRETATION USING THE OBJECT-BASED IMAGE ANALYSIS APPROACH: RESULTS OF SEMI-AUTOMATED ANALYSES VERSUS VISUAL INTERPRETATION". In: (), p. 20.