

example-2

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Preface

This is a Quarto book.

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

1 + 1

[1] 2

1 Introduction

This is a book created from markdown and executable code.

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

```
1 + 1
```

```
[1] 2
```

2 Data

This is a preview of part of the mtcars dataset:

and here is a nice plot

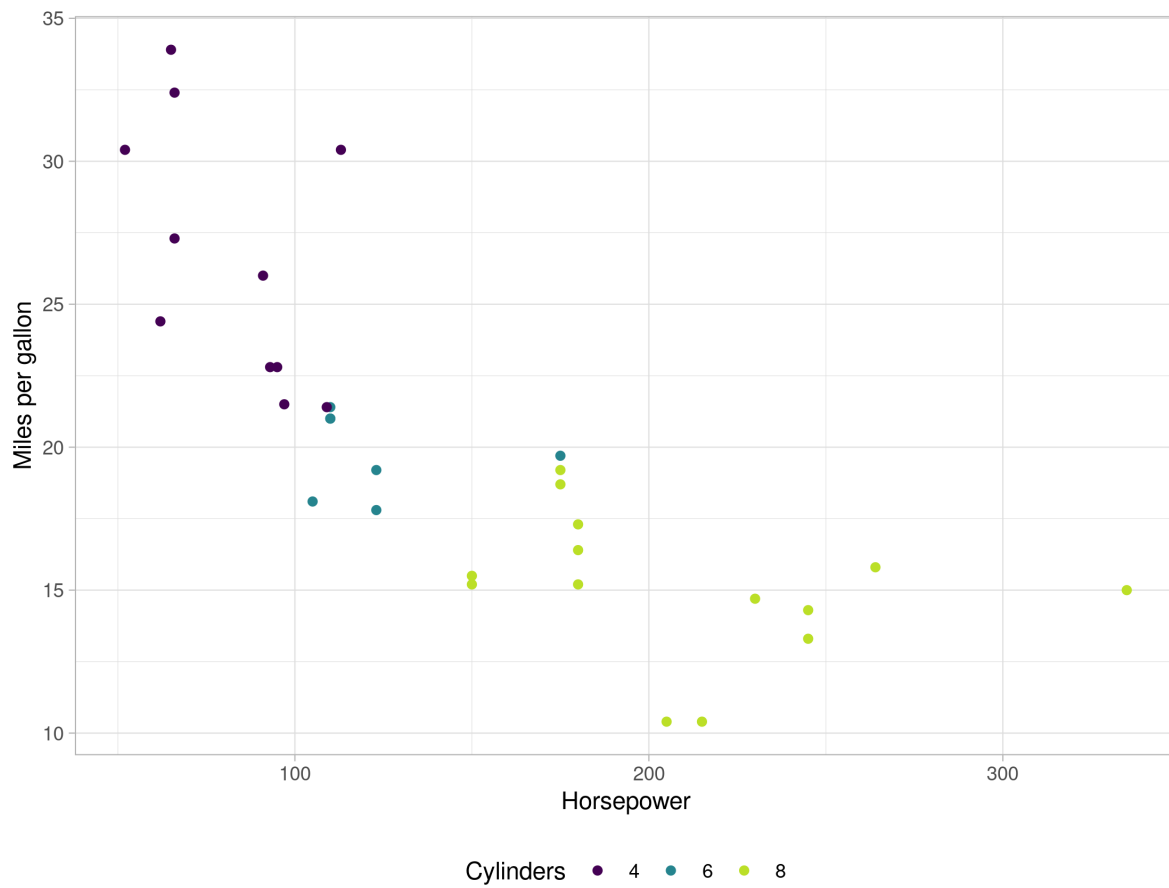


Figure 2.1: The relationship between car attributes

Table 2.1: The first ten rows of the mtcars dataset

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160.0	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160.0	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108.0	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258.0	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360.0	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225.0	105	2.76	3.460	20.22	1	0	3	1
Duster 360	14.3	8	360.0	245	3.21	3.570	15.84	0	0	3	4
Merc 240D	24.4	4	146.7	62	3.69	3.190	20.00	1	0	4	2
Merc 230	22.8	4	140.8	95	3.92	3.150	22.90	1	0	4	2
Merc 280	19.2	6	167.6	123	3.92	3.440	18.30	1	0	4	4

3 Summary

In summary, this book has no content whatsoever. But I can add a regression table that summarises the correlation shown in Figure [2.1](#)

Table 3.1: Regression of mpg on hp and cylinders

Table 3.2

	<i>Dependent variable:</i>
	mpg
hp	−0.019 (0.015)
cyl	−2.265*** (0.576)
Constant	36.908*** (2.191)
Observations	32
R ²	0.741
Adjusted R ²	0.723
Residual Std. Error	3.173 (df = 29)
F Statistic	41.422*** (df = 2; 29)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

References

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