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Minimal example for `Pandoc.brew`

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Introduction

We have two meta-information above:

- author
- title

A third field could be there too: date. For details, please check out [Pandoc's homepage](#) or just use `pandoc.title` function of this package.

As you can see writing and formatting paragraphs cannot be easier :)

But what about [R](#)? Let us return pi: *3.142*

R objects

`Pander.brew` would transform any returned R object to Pandoc's markdown in each code block.

For example `mtcars`'s first 5 cases look like:

	mpg	cyl	disp	hp	drat	wt
Mazda RX4	21.0	6	160	110	3.90	2.620
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875
Datsun 710	22.8	4	108	93	3.85	2.320
Hornet 4 Drive	21.4	6	258	110	3.08	3.215
Hornet Sportabout	18.7	8	360	175	3.15	3.440

	qsec	vs	am	gear	carb
Mazda RX4	16.46	0	1	4	4
Mazda RX4 Wag	17.02	0	1	4	4
Datsun 710	18.61	1	1	4	1
Hornet 4 Drive	19.44	1	0	3	1
Hornet Sportabout	17.02	0	0	3	2

As you can see some formatting was added to the returned table and was also split up as the original table would have been too wide.

We could try other R objects too, for example let us check `chisq.test` on some variables of `mtcars`:

Test statistic	df	P value
20.94	2	2.831e-05

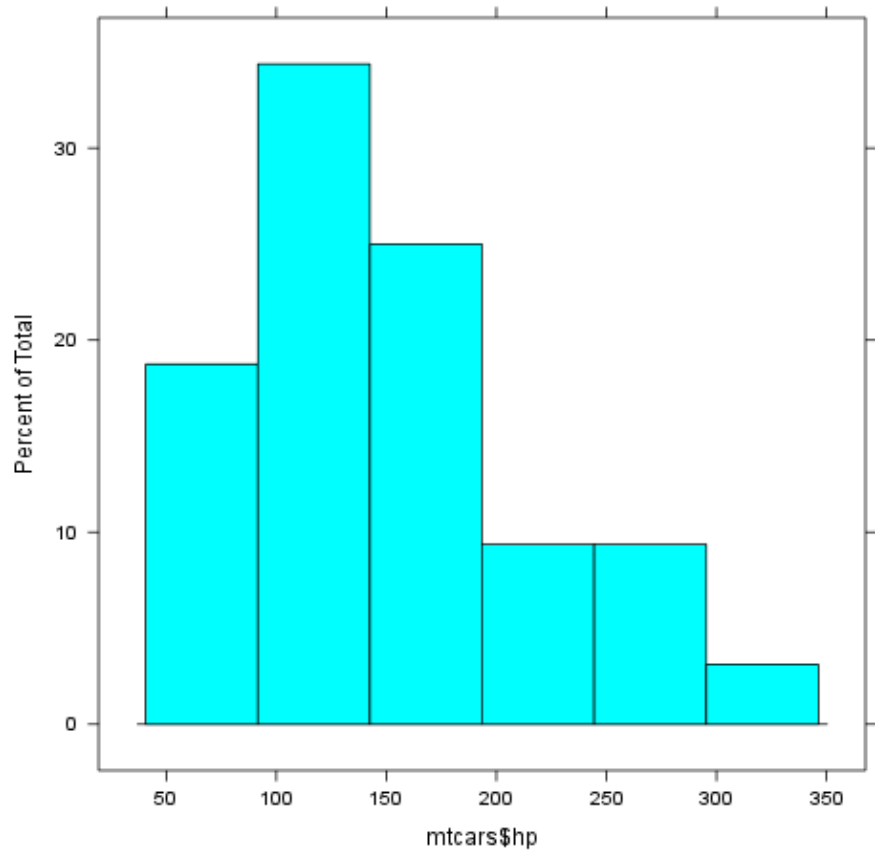
Table 1: Pearson's Chi-squared test:
`mtcars$am` and `mtcars$gear`

WARNING¹

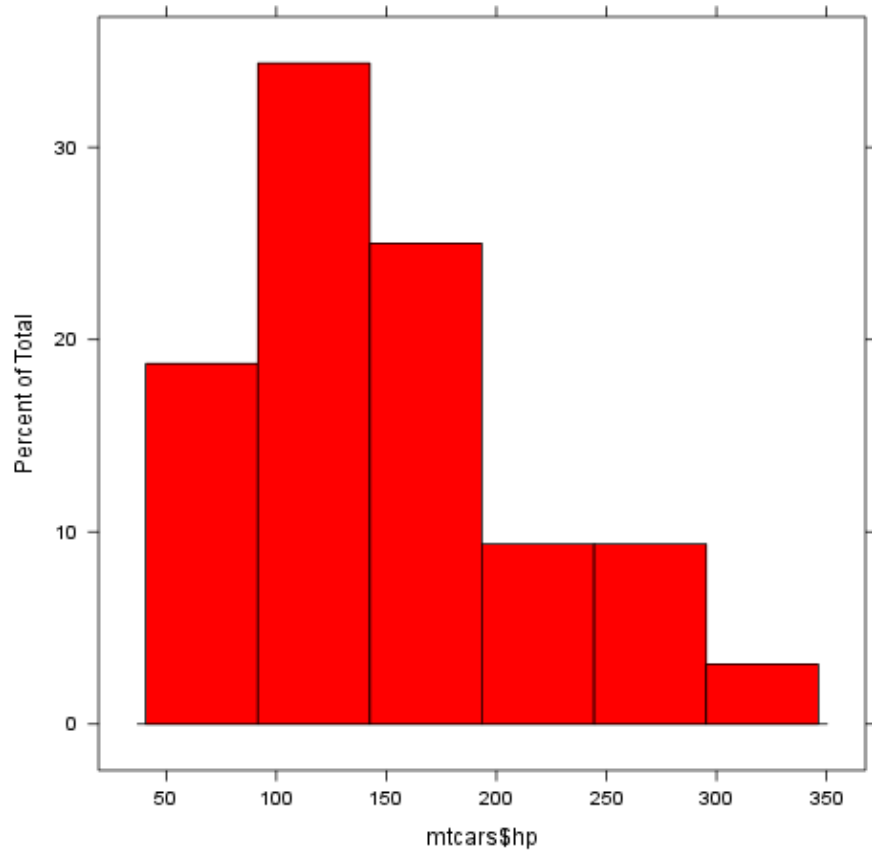
¹Chi-squared approximation may be incorrect

Returning plot

Plots are automatically grabbed between `brew` tags:



And adding a caption is easy:



Captions

Just like with tables:

	Murder	Assault	UrbanPop	Rape
Alabama	13.2	236	58	21.2
Alaska	10.0	263	48	44.5

Table 2: Here goes the first two lines of USArrests

Multiple results

And the chunks can result in multiple R objects of course:

- *1, 2, 3, 4 and 5*
- *3.142*
- *110, 110, 93, 110, 175, 105, 245, 62, 95, 123, 123, 180, 180, 180, 205, 215, 230, 66, 52, 65, 97, 150, 150, 245, 175, 66, 91, 113, 264, 175, 335 and 109*

It happens

ERROR²

This report was generated with [R](#) (2.15.1) and [pander](#) (0.1) on x86_64-unknown-linux-gnu platform.

²object ‘unknown.R.object’ not found