Markdown and Stata example

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# Headers

## Header 2

### Header 3

#### Header 4

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###### Header 6

# Text and bullits

Text text text ….

Bullits:

* Bullit 1
	+ sub bullit 1
	+ sub bullit 2
* Bullit 2
	1. point 1
	2. point 2

# Formulas

Inline math $c^{2}=a^{2}+b^{2}$ are possible

A formula on a line itself:

$$f(x)=\frac{a⋅x^{2}-b⋅x}{e^{x}}$$

# Footnotes

Here is a footnote reference,[[1]](#footnote-1) and another.[[2]](#footnote-2)

This paragraph won’t be part of the note, because it isn’t indented.

# Adding code or and output

## Import data and show a summary using sumat:

sysuse auto, clear

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | n | missing | unique |
| foreign(Domestic) | Price | 52 | 0 | 52 |
|  | Mileage(mpg) | 52 | 0 | 17 |
|  | Make and Model | 52 | 0 | 52 |
| foreign(Foreign) | Price | 22 | 0 | 22 |
|  | Mileage(mpg) | 22 | 0 | 13 |
|  | Make and Model | 22 | 0 | 22 |

##

## Using metadata

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Index | Label | Value Label Name | Format | Value Label Values | n | unique | missing |
| make | 1 | Make and Model |  | %-18s |  | 74 | 74 | 0 |
| price | 2 | Price |  | %8.0gc |  | 74 | 74 | 0 |
| mpg | 3 | Mileage (mpg) |  | %8.0g |  | 74 | 21 | 0 |
| rep78 | 4 | Repair Record 1978 |  | %8.0g |  | 69 | 5 | 5 |
| headroom | 5 | Headroom (in.) |  | %6.1f |  | 74 | 8 | 0 |
| trunk | 6 | Trunk space (cu. ft.) |  | %8.0g |  | 74 | 18 | 0 |
| weight | 7 | Weight (lbs.) |  | %8.0gc |  | 74 | 64 | 0 |
| length | 8 | Length (in.) |  | %8.0g |  | 74 | 47 | 0 |
| turn | 9 | Turn Circle (ft.) |  | %8.0g |  | 74 | 18 | 0 |
| displacement | 10 | Displacement (cu. in.) |  | %8.0g |  | 74 | 31 | 0 |
| gear\_ratio | 11 | Gear Ratio |  | %6.2f |  | 74 | 36 | 0 |
| foreign | 12 | Car type | origin | %8.0g | 0 “Domestic” 1 “Foreign” | 74 | 2 | 0 |

##

## Regression coefficients estimates and graphs

Do a regression and show CI for regression coefficients:

regress price mpg weight
matrix ci = r(table)'
matrix ci = ci["mpg".."weight", "b"], ci["mpg".."weight", "ll".."ul"]

Printing the ci matrix:

Regression CIs

|  |  |  |  |
| --- | --- | --- | --- |
|  | b | ll | ul |
| mpg | -49.512 | -221.302 | 122.278 |
| weight | 1.747 | 0.468 | 3.025 |

Add a plot (Note some code is deliberately hidden in pandoc output)

scatter price mpg, name(scatter, replace)



Scatterplot caption

[Insert hyperlink](http://www.bruunisejs.dk/StataHacks/)

1. Here is the footnote. [↑](#footnote-ref-1)
2. Here’s one with multiple blocks.

Subsequent paragraphs are indented to show that they belong to the previous footnote.

{ some.code }

The whole paragraph can be indented, or just the first line. In this way, multi-paragraph footnotes work like multi-paragraph list items. [↑](#footnote-ref-2)