RMarkdown

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Installation

```
install.packages("rmarkdown")
```

Syntax

Headers

Header 1

Header 1

Header 2

Header 2

Header 3

Header 3

Header 4

Header 4

Header 5

Header 5

Header 6

Header 6

Text Styles

> block quote
 block quote
endash: -endash: -

emdash: ---

inline equation (ΔTeX): $A = \pi^{2}$

in line equation (LaTeX): $A = \pi * r^2$

Images

image: ![](https://s-media-cache-ak0.pinimg.com/originals/1d/96/13/1d96138537ae93c28554fa623f56a527.gif

image:

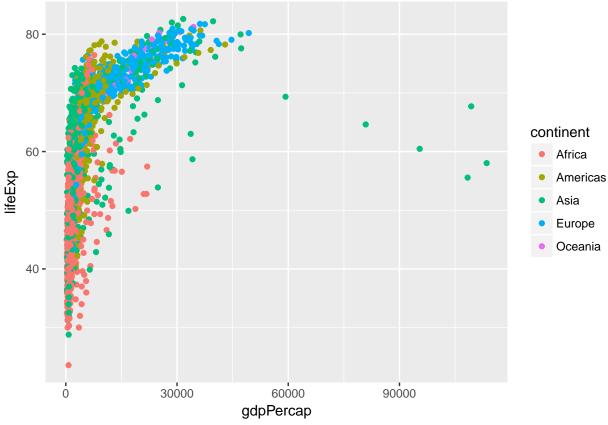
Lists

```
* unordered list
* number 2
  + sub-item (four spaces)
  • unordered list
  • number 2
      - sub-item (four spaces)
1. ordered list
2. item 2
   + sub-item (four spaces)
  1. ordered list
  2. item 2
      • sub-item (four spaces)
Code
Here's a piece of `inline code` to look at.
Here's a piece of inline code to look at.
Code chunks are delineated by three backticks
# R Code goes here!!
# This will generate output
summary(cars)
       speed
                        dist
## Min. : 4.0 Min. : 2.00
                 1st Qu.: 26.00
## 1st Qu.:12.0
## 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
# Including "eval = FALSE" means this code will not run
summary(cars)
```

Plots

```
# Throw some plots in:
library(ggplot2)
library(gapminder)

ggplot(gapminder, aes(x = gdpPercap, y = lifeExp)) +
   geom_point(aes(color = continent))
```



```
## X1 X2
## 1 -1.5229629 -0.1039770
## 2 -0.6037383 -1.0562666
## 3 -0.1830964  0.1967777
## 4 -0.4197538  0.2290691
## 5  0.4354155  0.8071503
## 6  0.1885482  0.1035446

ggplot(df, aes(x = X1, y = X2)) +
    geom_point() +
    geom_smooth(method = "lm")
```

