RMarkdown

James L. Adams 3/10/2017

Installation

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

Syntax

```
# Header 1
## Header 2
### Header 3
#### Header 4
##### Header 5
###### Header 6
```

Header 1

```
Header 2
Header 3
```

Header 4

```
Header 5
Header 6
```

> block quote block quote

endash: -endash: --

emdash: —

inline equation (ΔTeX): $A = \pi^{2}$

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

 $\verb|image: ![] (https://s-media-cache-ak0.pinimg.com/originals/1d/96/13/1d96138537ae93c28554fa623f56a527.gif the statement of the statement of$

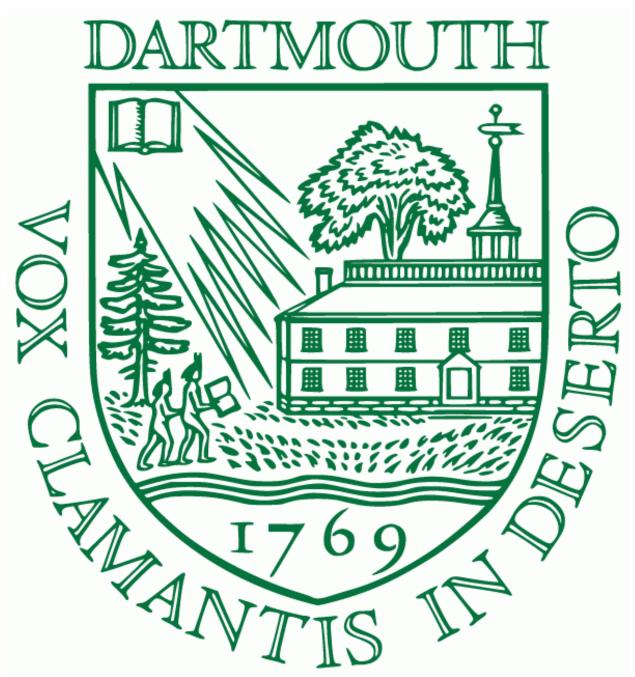
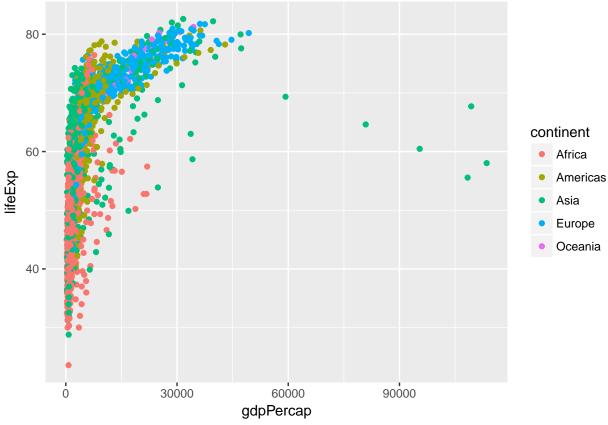


image:

- * unordered list
- * number 2
 - + sub-item (four spaces)
 - \bullet unordered list
 - \bullet 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)
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.:12.0 1st Qu.: 26.00
## Median: 15.0 Median: 36.00
## Mean :15.4 Mean : 42.98
## 3rd Qu.:19.0
                 3rd Qu.: 56.00
                 Max. :120.00
## Max.
         :25.0
# Including "eval = FALSE" means this code will not run
summary(cars)
# 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")
```

