Module2\_RMarkdown

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>. Link to coursera [COURSERA](https://www.coursera.org/learn/reproducible-templates-analysis/lecture/61zBa/r-markdown-syntax)

mean(seq(1:3))

Here is an example of a non-numbered list:

* Breakfast
  + food
    - eggs
    - toast
    - bacon
  + drink
    - apple juice
* Lunch
  + taco
* Dinner
  + baked chicken
  + broccoli
  + rice

Here is an example of code in a blockquote:

2+2  
mean(c(1,2,3,4,5))

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

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. :25.0 Max. :120.00

## Including Plots

You can also embed plots, for example:



plot(pressure)

 Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.

## Insert table

knitr::kable(head(cars), caption = "Cars")

Cars

|  |  |
| --- | --- |
| speed | dist |
| 4 | 2 |
| 4 | 10 |
| 7 | 4 |
| 7 | 22 |
| 8 | 16 |
| 9 | 10 |

## Insert equations

## Insert images

Here is an image inserted



sunstar

Here is R logo R Logo

## Insert GIF



Sunstar\_GIF

## Insert video

![Sunstar_video](data:video/mp4;base64,)

Sunstar\_video

## Insert text with some footnotes

Here is a footnote reference [[1]](#footnote-36) and another [[2]](#footnote-37)

Here is an inline footnote [[3]](#footnote-38)

1. Here is the footnote. [↑](#footnote-ref-36)
2. Here’s one with multiple blocks [↑](#footnote-ref-37)
3. Inlines notes are easier to write, since you don’t have to pick an identifier and move down to type the note. [↑](#footnote-ref-38)