Module2 - R Markdown Document 1

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# this is a level one heading

## R Markdown

### this is a level three heading

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>.

here is a link to [GOOGLE](http://goolge.com)

here is a word in **bold** and another word in a **bold**

here is a word in *italics* and another word in *italics*

when we complie our work we use rmarkdown package.

here are some example R commands:

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

here is an example of a non-numbered list:

* Breakfast
  + food
    - eggs
    - toast
  + drink
    - apple juice

here is an exapmle of a numbered list

1. breakfast
   1. apple
   2. coffee
2. lunch
   1. dosa

here is an example of blockquote:

this is a blockquote. this paragraph has two lines

1. this is a list of insidea block quote.
2. this is second item

here is an example of a nested blockquote:

this is a blockquote. this paragraph has two lines

this text is nested

here is an expamle of code in a blockquote:

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

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.

## unsert tables

knitr::kable(head(cars),  
 caption= "Top 6 rows of cars dataset")

Top 6 rows of cars dataset

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

## insert an euation

## insert image

here is an image inserted



sunstar

## insert an animated gif and video



sunstar

! [sunstar](sunstar/sunstar.mp4)

## 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 is one with multiple blocks. [↑](#footnote-ref-37)
3. inline ntes are easier to write, since you donot have to pick an identifier and move down to type the note. [↑](#footnote-ref-38)