Modulo2\_rmarkdown\_ejemplo1

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install.packages(‘tinytex’) library(tinytex) tinytex::tlmgr\_update() tinytex::install\_tinytex()

#nivel uno

## R Markdown

### nivel tres

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>.

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

* The following text is provided
* for easier cutting and pasting as you
* work through the exercises in
* Module 2 - lesson 2: R Markdown Syntax \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# This is a level 1 header

### This is a level 3 header

Here is a link to [GOOGLE](https://www.google.com/)

Here is a word in **bold** and another word in **bold**.

Here is a word in *italics* and another word in *italics*.

When we compile our document, we are using the 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
    - bacon
  + drink
    - apple juice
* Lunch
  + taco
* Dinner
  + baked chicken
  + broccoli
  + rice

Here is an example of a numbered list:

1. Breakfast
   1. food
      1. eggs
      2. toast
      3. bacon
   2. drink
      1. apple juice
2. Lunch
   1. taco
3. Dinner
   1. baked chicken
   2. broccoli
   3. rice

Here is an example of a blockquote:

This is a block quote. This paragraph has two lines.

1. This is a list inside a block quote.
2. Second item.

Here is an example of a nested blockquote:

This is a block quote. This paragraph has two lines.

This text is nested

Here is an example of code in a blockquote:

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

## Including Plots

You can also embed plots, for example:





## Insertando tablas

Usar la función kable de knitr

Esto corresponde a las 6 primeras filas de la base de datos cars

|  |  |
| --- | --- |
| speed | dist |
| 4 | 2 |
| 4 | 10 |
| 7 | 4 |
| 7 | 22 |
| 8 | 16 |
| 9 | 10 |
| ## Inser | tando una ecuación. |
| # Ecuaci | ón de regresión lineal simple. |

##Insertando una imagen desde fuente externa a RStudio

Acá vamos a insertar una imagen



sunstar

##Insertando un gif y un video

Acá vamos a insertar un GIF



sunstar

Acá vamos a insetar un video

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

sunstarVideo

##Insertando texto con notas al pie de página

Acá vamos a insertar una nota al pie de página [[1]](#footnote-33) para dedicar buenas actividades [[2]](#footnote-34) Esto es importante para la mayor parte de los documentos que se requieran [[3]](#footnote-35).

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

1. Esta es la forma sencilla pero ineficiente. [↑](#footnote-ref-33)
2. Esta forma es importante pero es más larga, mejor usar en el texto únicamente el simbolo ^. [↑](#footnote-ref-34)
3. Este requerimiento depende del trabajo que se esté realizando por ejemplo si el caso es un documento de texto para una actividad de trabajo o para presentar un taller en algun estudio [↑](#footnote-ref-35)