Communciating with Data via R Markdown

Challenge 1: Tables

4th October 2019

* A pdf document uses [latex](https://www.latex-project.org/) under the hood to compile a .tex file to pdf.
* In latex a table is written as (see source Rmd file)
* A markdown table is written as (see source Rmd file)

|  |  |
| --- | --- |
| Var1 | Var2 |
| 1 | 2 |
| 3 | 4 |

* A table can be created by using knitr’s kable function as below:

df <- data.frame(Var1 = c(1, 3),  
 Var2 = c(2, 4))  
knitr::kable(df)

|  |  |
| --- | --- |
| Var1 | Var2 |
| 1 | 2 |
| 3 | 4 |

This is a html table:

Var1

Var2

1

2

3

4

## Challenges

1. knit this document to get a pdf output
2. Change this document output format to html.
3. **What happened to the table written in latex?**
4. Try writing an equivalent html table and compile it to both html and pdf output.

## Advanced challenge

Can you knit this document to both html and pdf simultaneously?

(We’ll learn this later.)