

My First Knit

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1 Part I

As a class, we will complete the following:

1. First make a new R Markdown file.
2. Delete the example code, leaving the setup options, which will look like this:

```
““{r setup, include=FALSE}
knitr::opts_chunk$set(echo = TRUE)
““
```
3. Load the guinea pig tooth growth data, look at the data, read a description of it.
4. Display Column Names and Row Names for the Data.
5. Look at the 16th row of the data.
6. Look at the 3rd column of the data.
7. Look at the variable named dose.
8. Store a subset of the data, columns 1 and 3 and rows 24 - 48, for later use.
9. Store the species name for later use.

2 Part II

In pairs, answer the following:

1. What are the different variables in the dataset?
2. How many guinea pigs were used in the experiment?
3. What are the different supplements in the experiment?
4. What are the different doses used in the experiment?

As a class, calculate the 5-number summary for the dataset. What seems odd about the "dose" data?

As a class, make a table of supplement and dose information.

In pairs or groups, create a visual representation (plot) of tooth growth based on dose and supplement condition.

Knit your file to a pdf.