R Notebook example

library(tidyverse)

## ── Attaching packages ─────────────────────────────────────── tidyverse 1.3.2 ──  
## ✔ ggplot2 3.4.1 ✔ purrr 1.0.1  
## ✔ tibble 3.1.8 ✔ dplyr 1.1.0  
## ✔ tidyr 1.3.0 ✔ stringr 1.5.0  
## ✔ readr 2.1.4 ✔ forcats 1.0.0  
## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

library(readxl)

# This is a markdown document.

## There are different headers.

### and you can do a lot of different things.

* bullet list
* second
* third
* fourth

or a number list

1. stuff
2. more stuff
3. more and more stuff

and we can make a graph

mm.df <- read\_csv("data/mms.csv")

## Rows: 816 Columns: 4  
## ── Column specification ────────────────────────────────────────────────────────  
## Delimiter: ","  
## chr (2): center, color  
## dbl (2): diameter, mass  
##   
## ℹ Use `spec()` to retrieve the full column specification for this data.  
## ℹ Specify the column types or set `show\_col\_types = FALSE` to quiet this message.

head(mm.df)

## # A tibble: 6 × 4  
## center color diameter mass  
## <chr> <chr> <dbl> <dbl>  
## 1 peanut butter blue 16.2 2.18  
## 2 peanut butter brown 16.5 2.01  
## 3 peanut butter orange 15.5 1.78  
## 4 peanut butter brown 16.3 1.98  
## 5 peanut butter yellow 15.6 1.62  
## 6 peanut butter brown 17.4 2.59

### now we can do a plot of data

mm.df %>%   
 filter(center=="plain") %>%   
 ggplot(aes(diameter, mass, color = center)) +  
 geom\_point()

