My Thesis

```
earthquakes <- read_csv('earthquakes.csv')
```

A profound quotation to set the scene. And then some analysis:

```
depth_by_magnitude <- earthquakes %>%
  mutate(round_mag = round(Magnitude)) %>%
  group_by(round_mag) %>%
  summarize(depth = mean(Depth_Km))
depth_by_magnitude
```

```
## # A tibble: 5 x 2
##   round_mag depth
##       <dbl> <dbl>
## 1         2  9.85
## 2         3  9.15
## 3         4  8.64
## 4         5  8
## 5         6  8.1
```

Now let's visualize that:

```
depth_by_magnitude %>%
  ggplot() +
  geom_point(mapping = aes(x = round_mag, y = depth))
```