

Makefile Walkthrough

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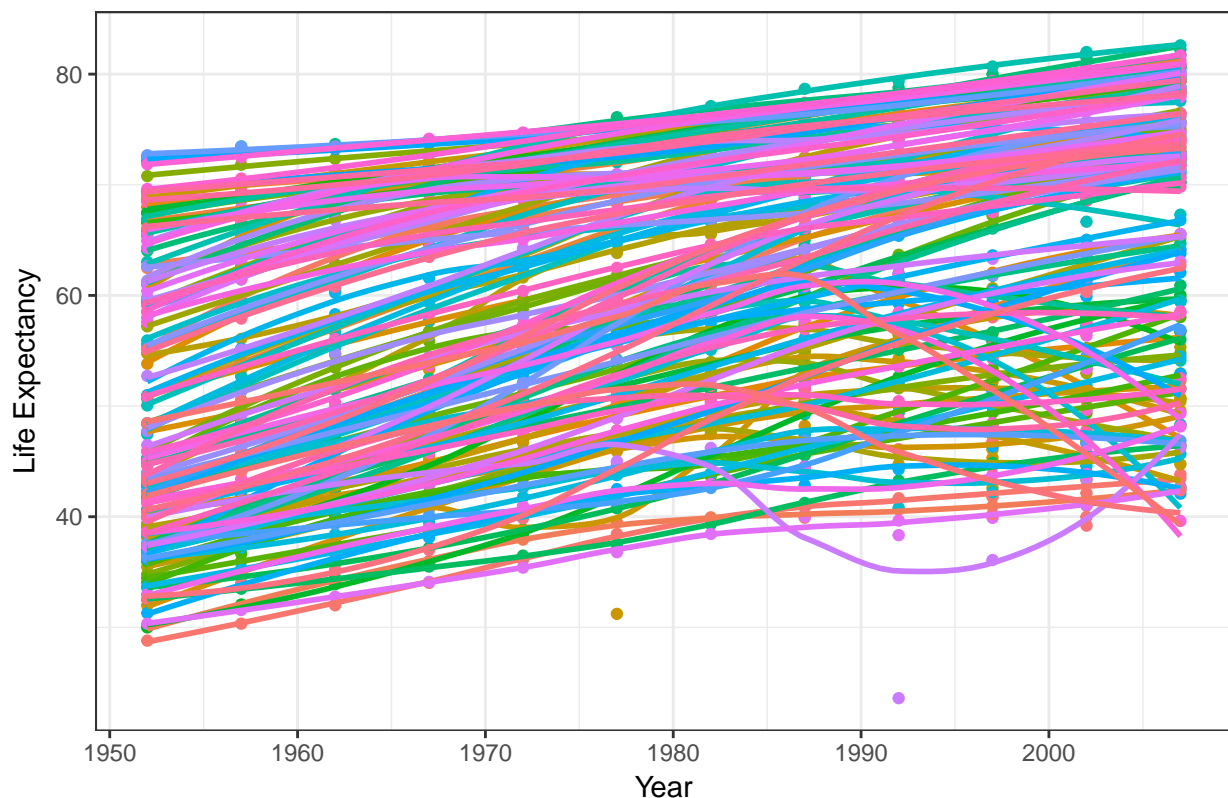
February 12, 2018

I started by creating a regular r markdown file to take a look at the data. I loaded the ggplot2 library and read in the gapminder data set.

```
library(ggplot2)
gapminder <- read.csv("/Users/Ricardo/Documents/Math499/gapminder.csv")
```

We usually start by visualizing the data, so that was my next step.

Trends in Countries' Life Expectancy



I decided to color the lines even though there's no way of knowing which country a line represents because it would otherwise look like a black blob with random lines sticking out.

Now that I knew what the data looks like, I started figuring out how the Makefile works. I haven't figured out the correct syntax and what the code does, but this is what I have so far.

```
#all: gapminder_assignment

#gapminder_assignment:

#   Rscript -e "knitr::knit('gapminder_assignment.Rmd');/"
#   rmarkdown::render('gapminder_assignment.Rmd', 'html_document')

#clean:
```

```
#  rm -rf *.md  
#  rm -rf *.html
```

There's not much online (Google) that is useful since most of the examples I find are really complicated and lack a description of what each line does.