

Recitation Week 7 Problems

Today we will work with some COVID-19 time series data from Our World in Data to practice basic data diagnostics and plotting with ggplot. Go download the covid 19 time series data here: <https://ourworldindata.org/coronavirus-source-data>. Save to your computer and import into R.

- 1) What are data diagnostics? Why is important to diagnose issues in your data before you plot?
- 2) Is this data wide or long?
- 3) What are you curious about in this data? What plots would you make to investigate your questions?
- 4) Make a line plot of total cases by day - have one line for the US, one for South Korea, and one for all of Europe (hint: you may need to make a lookup for european countries to do this part)