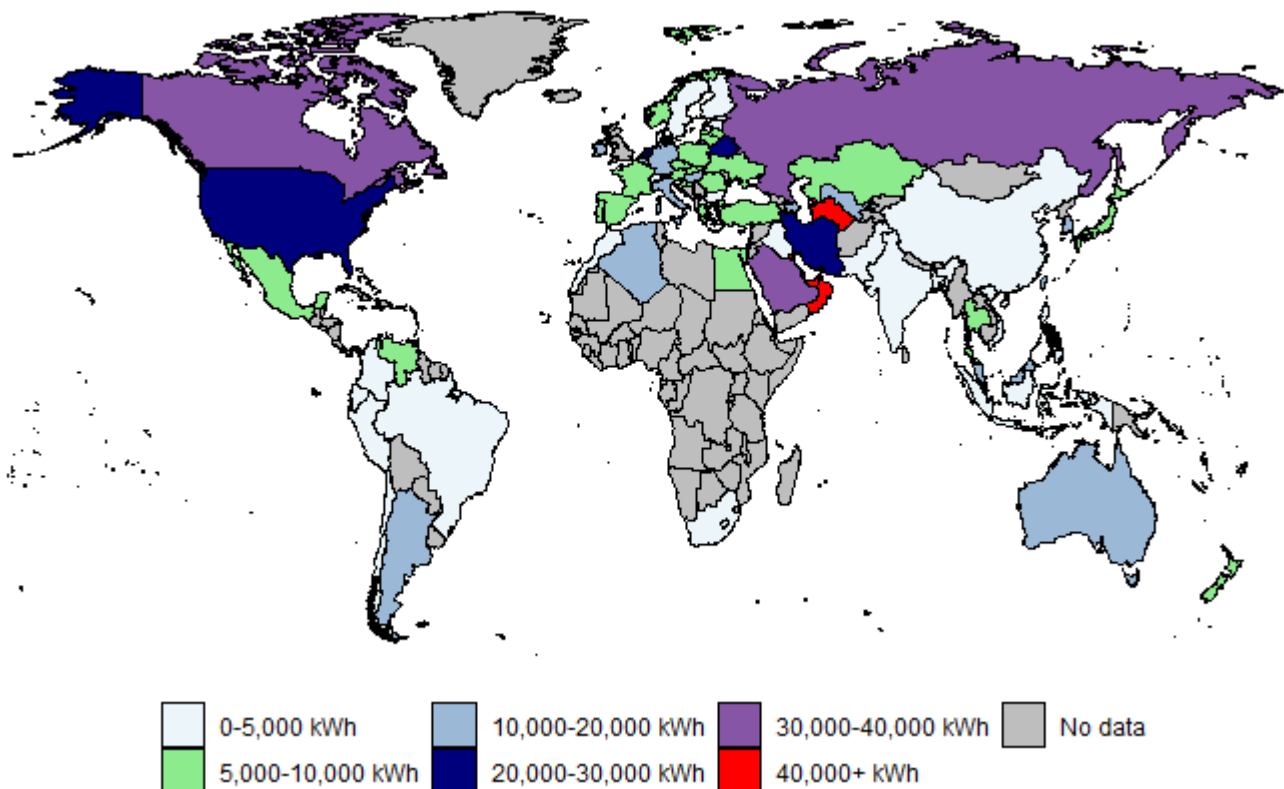# Data Vis Final Project

Conor Desmond

2022-12-08

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com (http://rmarkdown.rstudio.com).

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

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geom_path: Each group consists of only one
observation. Do you need to adjust the group
aesthetic?
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observation. Do you need to adjust the group
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#Gas Consumption Graph:
#https://ourworldindata.org/grapher/gas-consumption-by-country?tab=chart
gasConsump = read.csv(file.choose())
names(gasConsump) = c(names(gasConsump)[1:3], "Gas_Consumption")

gasConsump2 = gasConsump %>% filter(Entity %in% c("Qatar", "Russia", "United Kingdom", "United S
tates", "China", "South Africa"))

ggplot(gasConsump2, aes(Year, Gas_Consumption, color = Entity)) + theme_minimal() + geom_line()
+
  geom_point() + labs(title = "Gas Consumption", x = "", y = "") + theme(panel.grid.major.x = el
ement_blank(), panel.grid.minor.x = element_blank(),
        panel.grid.minor.y = element_blank(), panel.grid.major.y = element_line(linetype = "dash
ed")) + guides(color = guide_legend(title = "Countries")) + transition_reveal(Year) + view_follo
w()
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aesthetic?
geom_path: Each group consists of only one observation. Do you need to adjust the group
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#This animated line graph shows the gas consumption of China, Qatar, Russia, South Africa, United Kingdom, and the United States for each year from 1965 to 2021. Natural gas consumption is measured in terawatt-hour (TWh) equivalents per year. From this graph, the country with the highest share of primary energy from gas tended to be the United States, tending to be around 50,000 to 70,000 TWh. South Africa tended to be the lowest staying around 0 TWh.