

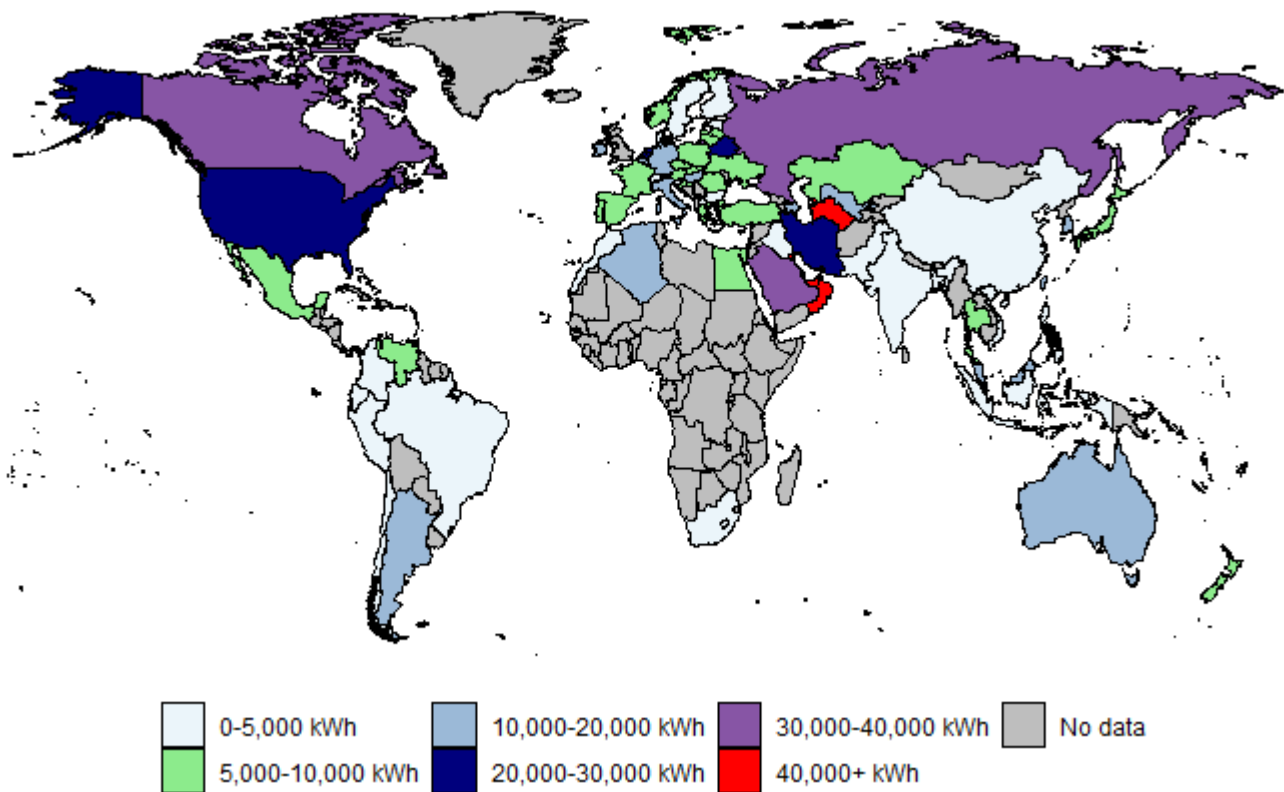
Data Vis Final Project

Code ▾

Conor Desmond

2022-12-08

Per Capita Gas Consumption, 2021



geom_path: Each group consists of only one observation. Do you need to adjust the group aesthetic?

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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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geom_path: Each group consists of only one observation. Do you need to adjust the group aesthetic?

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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.