

Poli 312 Final Project: Data Preparation

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```
# read in the data from the world happiness report 2022 Table 2.1 (p. 20) reg
whs <- read_csv("DataForTable2.1.csv")

# add in continent variable depending on country name using the countrycode
# package. the continent variable follows the World Bank region designation
whs <- whs %>%
  mutate(region = countrycode(sourcevar = whs$`Country name`,
                              origin = 'country.name',
                              destination = 'region'))

# select the column we'll be using and then save the file
# get back the GDP value and relocate the gdp column next to the other one
happiness <- whs %>%
  select(`Country name`, `year`, `Life Ladder`, `Log GDP per capita`,
        `region`) %>%
  mutate(gdp = exp(`Log GDP per capita`)) %>%
  relocate(gdp, .after = `Log GDP per capita`)

# rename columns
colnames(happiness) <- c("country", "year", "life_ladder", "log_gdp", "gdp",
                        "region")

# write_csv for export
write_csv(happiness,
          "C:\\Users\\Aviel\\Desktop\\Poli 312\\final_project\\happiness.csv")
```