

Process:

For billionaire info:

1. Emailed Forbes to get sample 2023 spreadsheet to cross reference data, marked matching variable names
2. Went through World Bank spreadsheets matching economic indicator numbers to find year used for sourcing, since the numbers were all from 2017, downloaded relevant spreadsheets to be used for joining
3. Removed remaining irrelevant variables

For economic info (from [World Bank](#)):

1. Went through each spreadsheet selecting relevant years and mutating columns to find gdp_change and cpi_change values
2. Renamed columns in each spreadsheet to its variable instead of year
3. Made sure country names matched, then left joined each economic variable onto the billionaires spreadsheet

For coordinate info (from [Google](#)):

1. Scraped table of compiled country coordinates from Google public data
2. Made sure country names matched, then left joined country latitude and longitude onto the billionaires spreadsheet

Finalizing:

1. Renamed variables to standardize them
2. Saved final table to "billionaires_clean.csv"

See "Billionaires.html" for in-depth processes, and "Billionaires.rmd" for the code