Session9\_Fatimah

Fatimah

2022-08-02

## Library

library(tidyverse)

## ── Attaching packages ─────────────────────────────────────── tidyverse 1.3.1 ──

## ✔ ggplot2 3.3.6 ✔ purrr 0.3.4  
## ✔ tibble 3.1.7 ✔ dplyr 1.0.9  
## ✔ tidyr 1.2.0 ✔ stringr 1.4.0  
## ✔ readr 2.1.2 ✔ forcats 0.5.1

## ── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
## ✖ dplyr::filter() masks stats::filter()  
## ✖ dplyr::lag() masks stats::lag()

library(gapminder)

## Warning: package 'gapminder' was built under R version 4.2.1

library(here)

## Warning: package 'here' was built under R version 4.2.1

## here() starts at C:/Users/IT team/Desktop/GitHub/from-Zero-to-hero-in-r

## plot

Plot\_gapminder <- gapminder %>%   
 ggplot(aes(x = log(gdpPercap), y = lifeExp, col = year, size = pop)) +  
 geom\_point(alpha = 0.3) +  
 geom\_smooth(method = lm) +  
 facet\_wrap( ~ continent, scales = "free") +  
 theme\_bw()

## Saver results using here pakage

ggsave(here("results","gapminder\_plt.png"),Plot\_gapminder, height=20, dpi =300)

## Saving 5 x 20 in image

## `geom\_smooth()` using formula 'y ~ x'

#gapminder\_data <- gapminder

#write\_csv(gapminder\_data, here("results", "gapminder\_data.csv"))