Session9_Fatimah

Fatimah

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Contents

Library

```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

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

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x 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 6.5 x 20 in image
```

```
## 'geom_smooth()' using formula 'y ~ x'
```

```
#gapminder_data <-   gapminder
```

```
#write_csv(gapminder_data, here("results", "gapminder_data.csv"))
```