DS_DataViz_Nov_15_1

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```r
library(tidyverse)
```

```
## Warning: package 'tidyverse' was built under R version 4.2.2

## -- Attaching packages ---------------------------------------- tidyverse 1.3.2 --
## v ggplot2 3.3.6      v purrr   0.3.4
## v tibble  3.1.8      v dplyr   1.0.10
## v tidyr   1.2.0      v stringr 1.4.1
## v readr   2.1.2      v forcats 0.5.2
## -- Conflicts ------------------------------------------- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

Let's start by looking at the economics dataset:

```r
head(economics)
```

```
## # A tibble: 6 x 6
##   date          pce    pop psavert uempmed unemploy
##   <date>      <dbl>  <dbl>   <dbl>   <dbl>    <dbl>
## 1 1967-07-01   507. 198712    12.6     4.5     2944
## 2 1967-08-01   510. 198911    12.6     4.7     2945
## 3 1967-09-01   516. 199113    11.9     4.6     2958
## 4 1967-10-01   512. 199311    12.9     4.9     3143
## 5 1967-11-01   517. 199498    12.8     4.7     3066
## 6 1967-12-01   525. 199657    11.8     4.8     3018
```

```r
glimpse(economics)
```

```
## Rows: 574
## Columns: 6
## $ date     <date> 1967-07-01, 1967-08-01, 1967-09-01, 1967-10-01, 1967-11-01, ~
## $ pce      <dbl> 506.7, 509.8, 515.6, 512.2, 517.4, 525.1, 530.9, 533.6, 544.3~
## $ pop      <dbl> 198712, 198911, 199113, 199311, 199498, 199657, 199808, 19992~
## $ psavert  <dbl> 12.6, 12.6, 11.9, 12.9, 12.8, 11.8, 11.7, 12.3, 11.7, 12.3, 1~
## $ uempmed  <dbl> 4.5, 4.7, 4.6, 4.9, 4.7, 4.8, 5.1, 4.5, 4.1, 4.6, 4.4, 4.4, 4~
## $ unemploy <dbl> 2944, 2945, 2958, 3143, 3066, 3018, 2878, 3001, 2877, 2709, 2~
```

Diagrams

```r
ggplot(data = economics, mapping = aes(x = date, y = uempmed)) + geom_line() + geom_point()
```
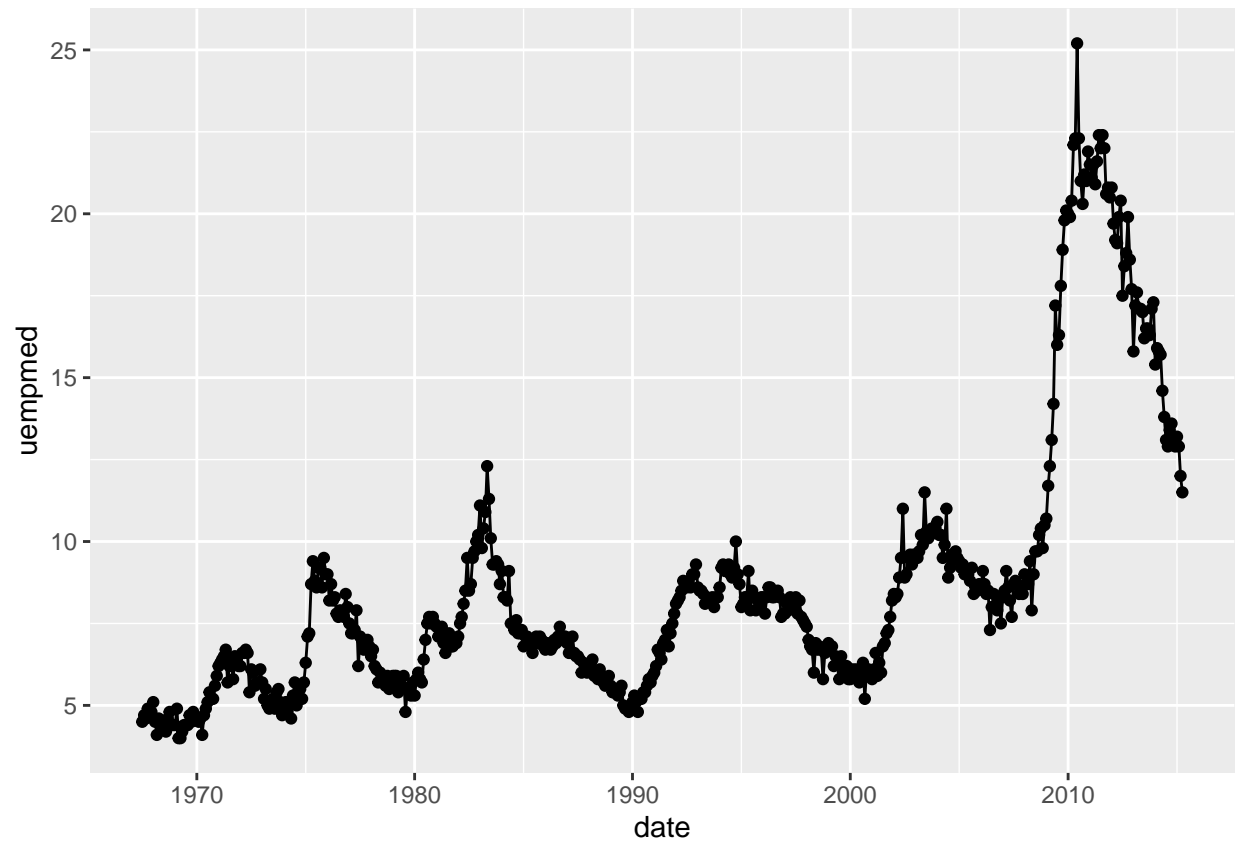


```r
ggplot(data = economics, mapping = aes(x = date, y = uempmed)) + geom_line(color = "red", alpha = I(0.5)
```
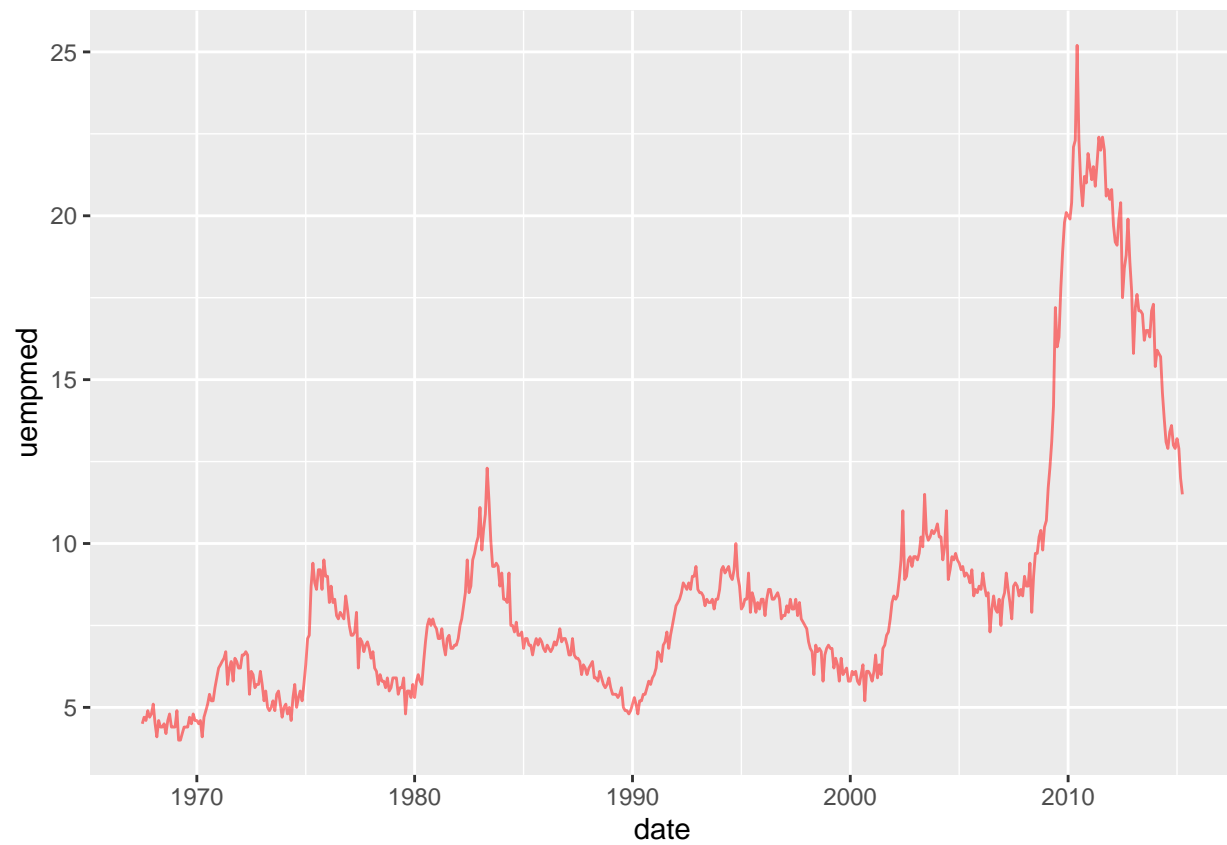
Add a title, a subtitle, x-axis label and y-axis labels by adding other layer(s).