

MA615 assignment2

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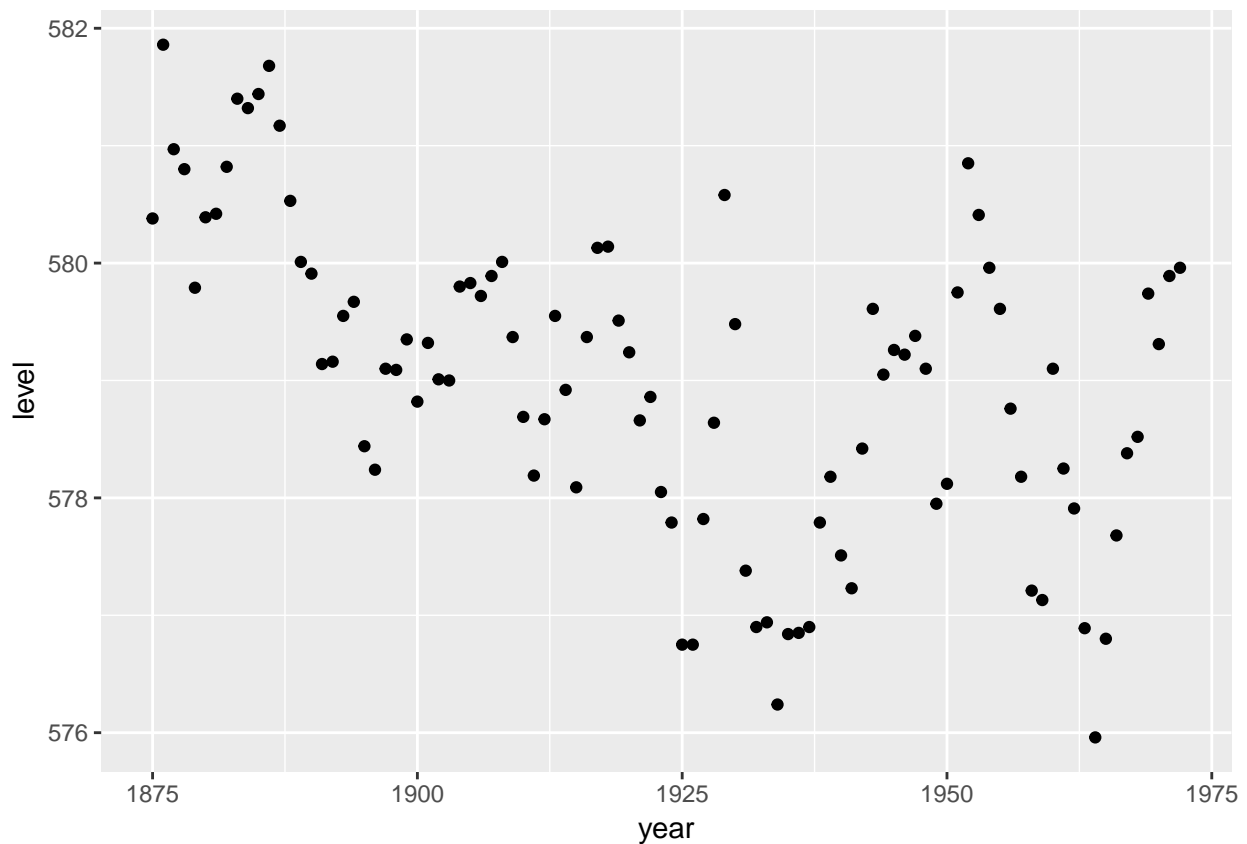
September 23, 2018

```
library(tidyverse)
# get data
data("LakeHuron")
# set data frame
LakeHuron <- data.frame("year" = 1875:1972, "level" = LakeHuron)

# plot data and customize the format

ggplot(data = LakeHuron)+geom_point(mapping = aes(x = year, y = level))
```

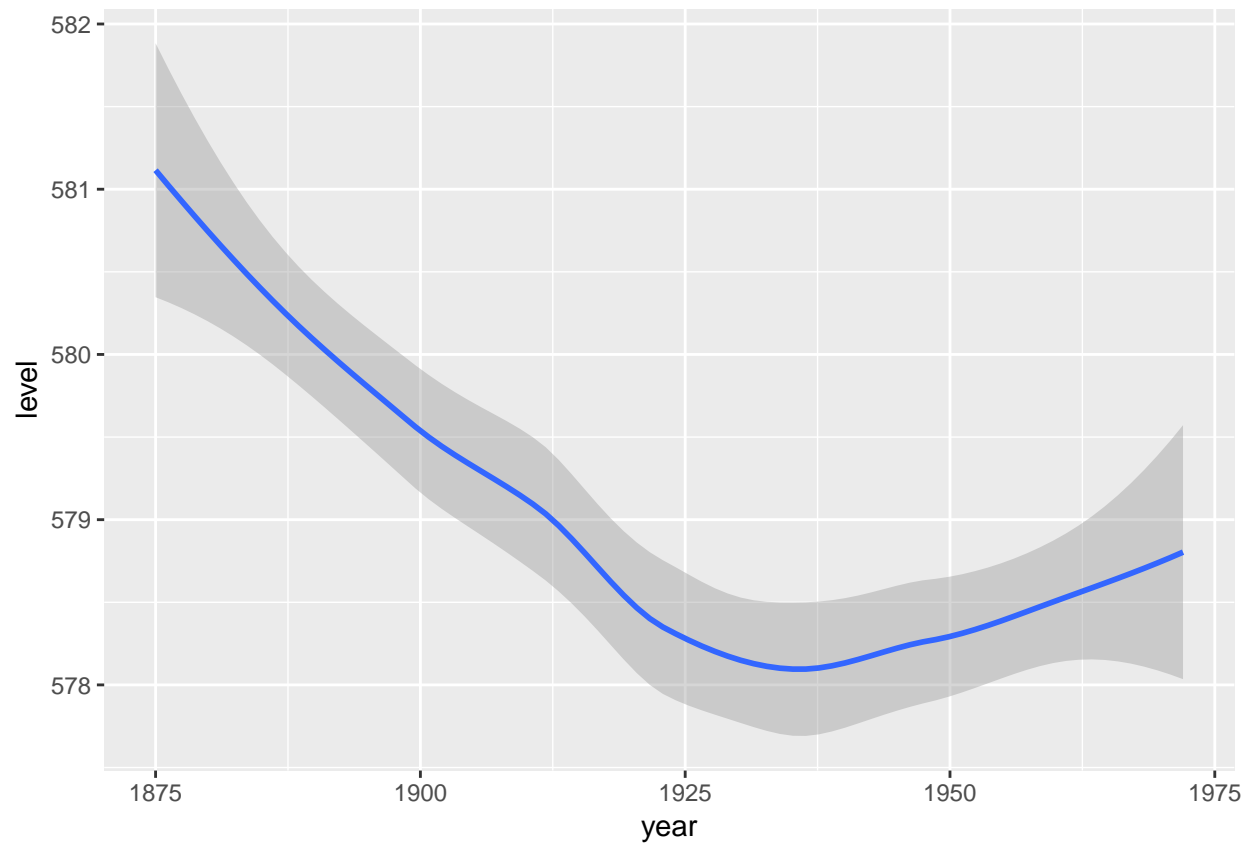
Don't know how to automatically pick scale for object of type ts. Defaulting to continuous.



```
ggplot(data = LakeHuron)+geom_smooth(mapping = aes(x = year, y = level))
```

Don't know how to automatically pick scale for object of type ts. Defaulting to continuous.

`geom_smooth()` using method = 'loess' and formula 'y ~ x'



```
# no variance needed, set se = false,
```

```
ggplot(data = LakeHuron)+  
  geom_point(mapping = aes(x = year,y = level))+  
  geom_line(mapping = aes(x = year,y = level), se = FALSE)
```

```
## Warning: Ignoring unknown parameters: se
```

```
## Don't know how to automatically pick scale for object of type ts. Defaulting to continuous.
```

