615HW2 from Hao

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Re-write the Lake Huron shiny application from last class using ggplot2.

```
library(ggplot2)
```

```
## Warning: package 'ggplot2' was built under R version 3.4.4
```

```
library(tidyverse)
```

```
## Warning: package 'tidyverse' was built under R version 3.4.4

## Warning: package 'tibble' was built under R version 3.4.4

## Warning: package 'tidyr' was built under R version 3.4.4

## Warning: package 'readr' was built under R version 3.4.2

## Warning: package 'purrr' was built under R version 3.4.4

## Warning: package 'dplyr' was built under R version 3.4.4

## Warning: package 'forcats' was built under R version 3.4.2
```

```
suppressMessages(library("tidyverse"))
library(tidyverse)
data("LakeHuron")
head(LakeHuron)
```

```
## [1] 580.38 581.86 580.97 580.80 579.79 580.39
```

```
year=c(1875:1972)
LakeHuron_point=c(LakeHuron[c(1:98)])
LakeHuron_New=data.frame(year, LakeHuron_point)
head(LakeHuron_New)
```

```
##   year LakeHuron_point
## 1 1875          580.38
## 2 1876          581.86
## 3 1877          580.97
## 4 1878          580.80
## 5 1879          579.79
## 6 1880          580.39
```
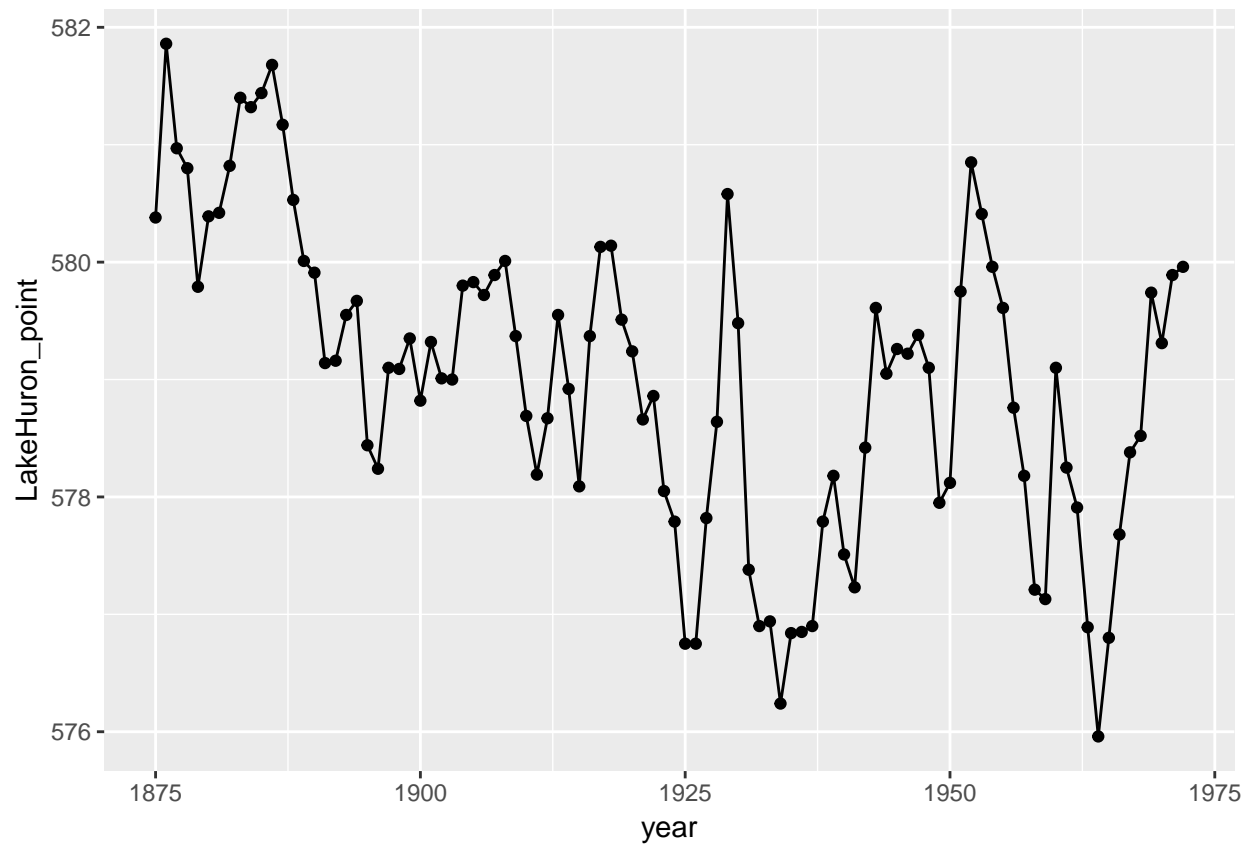
```r
ggplot(LakeHuron_New)+geom_point(aes(x=year, y=LakeHuron_point))+geom_line(aes(x=year, y=LakeHuron_poin
```



```r
"from the plot, we can get that this looks
like the same as the previous one by using
the shinny, this one I use the ggplot to express that "
```

```
## [1] "from the plot, we can get that this looks \nlike the same as the previous one by using \nthe sh
```