417_Activity

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5/11/2022

```
snow <- read_csv(here("snow_termactivity.csv"))
```

```
## Rows: 3653 Columns: 3
```

```
## -- Column specification -------------------------------------------------------
## Delimiter: ","
## chr (1): Date
## dbl (2): SWE, density
```

```
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```
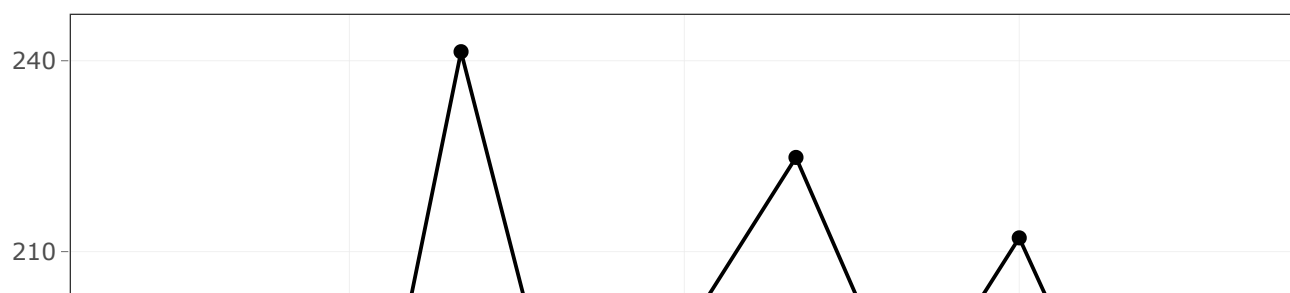
```
snow$Date=mdy(snow$Date)

snow[is.na(snow)] = 0
```

```
snow <- snow %>%
  mutate(day = day(Date), month = month(Date), year = year(Date)) %>%     group_by(year)

snow_annual <- snow %>%
  summarise(SWE = mean(SWE))

density_annual <- snow %>%
  summarise(Density = mean(density))
```
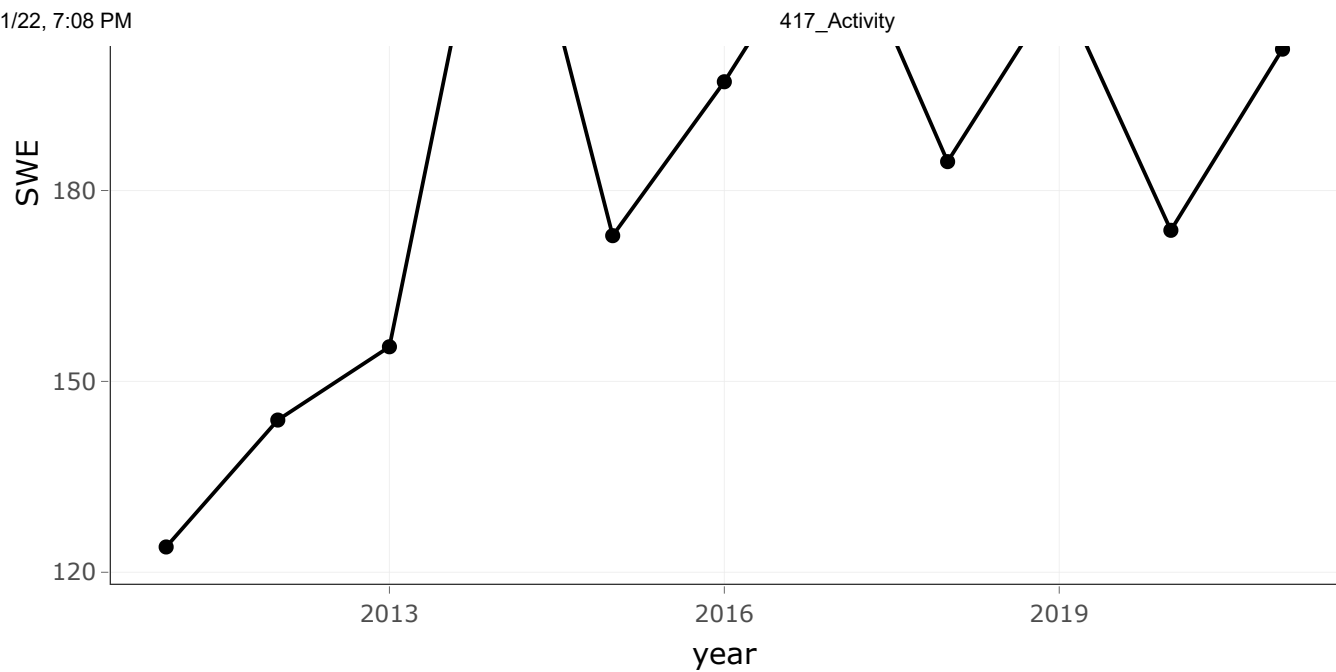
```
ggplotly(snow_annual %>%
  ggplot(aes(x= year, y= SWE))+
  geom_point()+
   geom_line()+
     theme_bw())
```

```
ggplotly(density_annual %>%
  ggplot(aes(x= year, y= Density))+
  geom_point()+
  geom_line()+
    theme_bw())
```