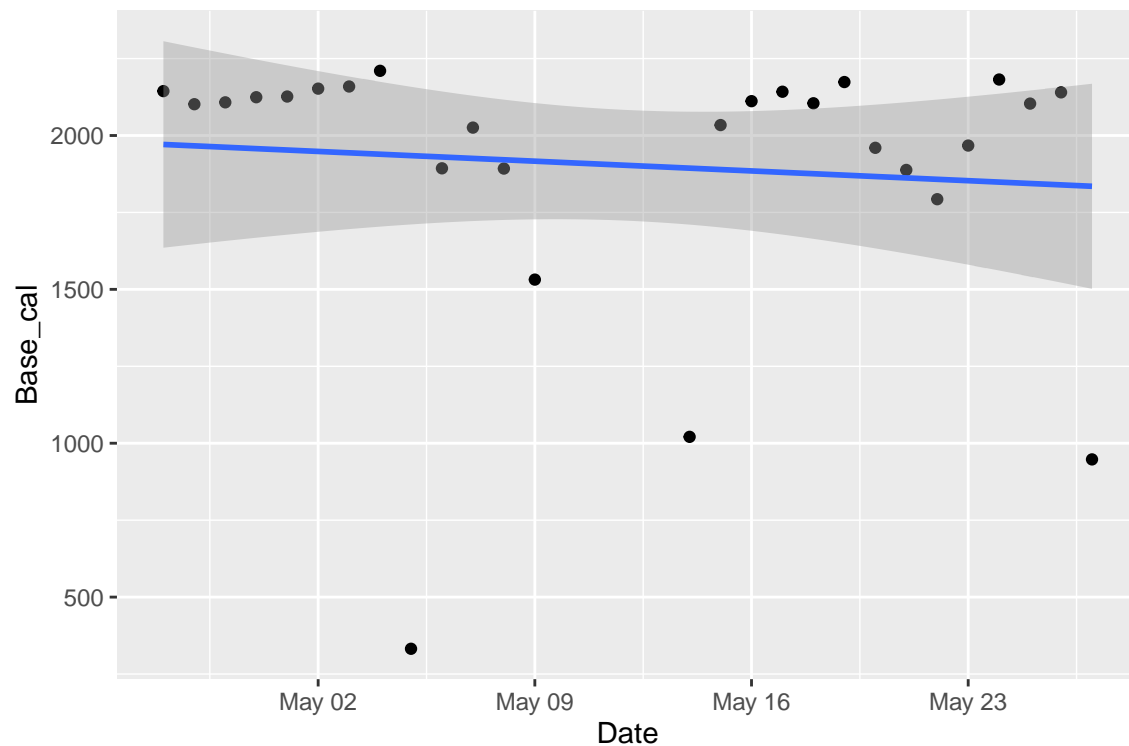


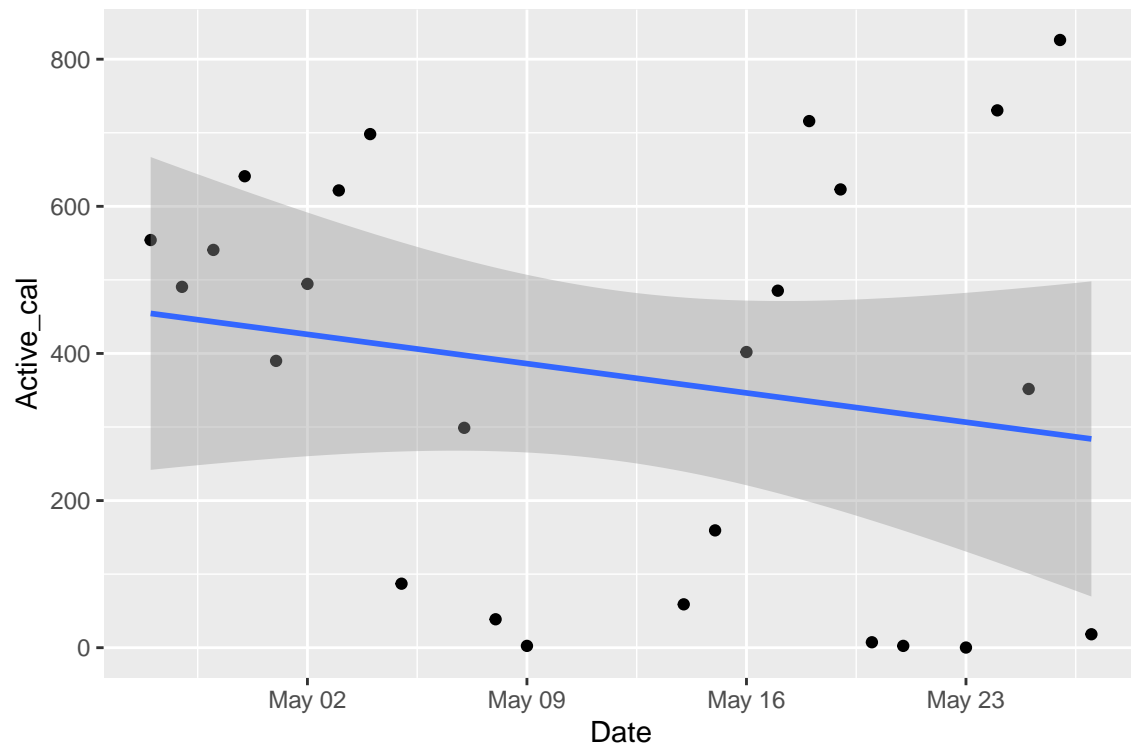
Daily Data test:

```
> library(dplyr)
> apple_data <- read.csv('data/apple_daily.csv')
> apple_data <- apple_data %>%
+   select("Date", "Active.energy.burned.Cal.", "Basal.energy.burned.Cal.", "Distance.walking...running")
+   mutate(Date=as.Date(Date)) %>%
+   rename(Active_cal = Active.energy.burned.Cal., Base_cal = Basal.energy.burned.Cal., Walk_dist = Distance.walking...running)
> head(apple_data)
  Date Active_cal Base_cal Walk_dist resting_heart_rate
1 2022-04-27    554.194 2144.193     2.696             61
2 2022-04-28    490.549 2101.701     2.839             62
3 2022-04-29    540.753 2107.772     3.341             57
4 2022-04-30    640.916 2124.399     5.917             69
5 2022-05-01    389.910 2126.659     2.276             63
6 2022-05-02    494.565 2152.333     2.497             56
  walking_heart_rate
1             114.0
2             109.0
3             105.5
4             127.0
5             104.0
6              92.0
```

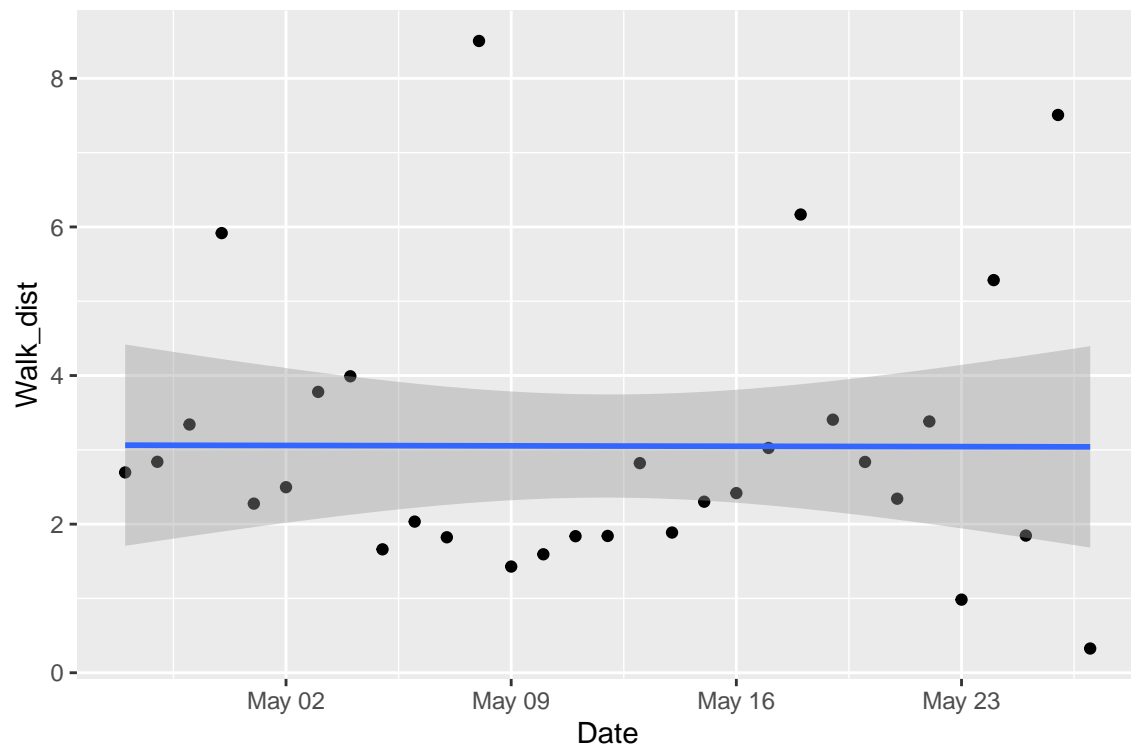
```
> library(ggplot2)
> ggplot(apple_data, aes(x=Date, y=Base_cal)) + geom_point() + geom_smooth(method = lm)
```



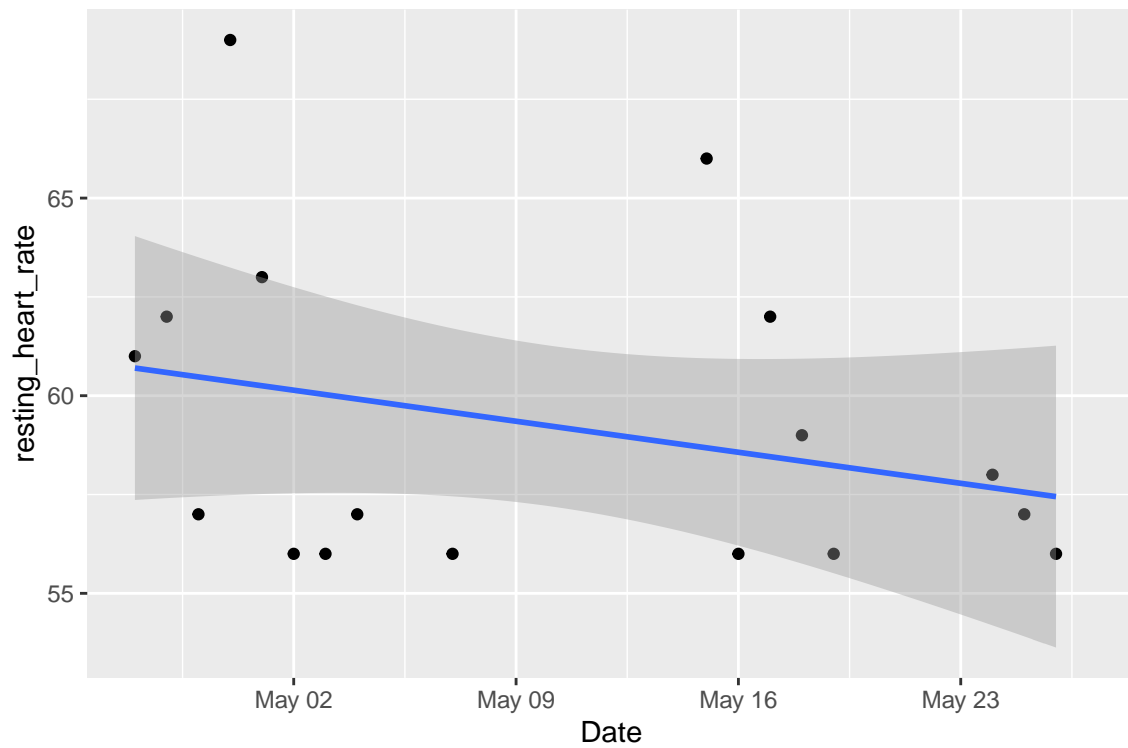
```
> ggplot(apple_data, aes(x=Date, y=Active_cal)) + geom_point() + geom_smooth(method = lm)
```



```
> ggplot(apple_data, aes(x=Date, y=Walk_dist)) + geom_point() + geom_smooth(method = lm)
```



```
> ggplot(apple_data, aes(x=Date, y=resting_heart_rate)) + geom_point() + geom_smooth(method = lm)
```



```
> ggplot(apple_data, aes(x=Date, y=walking_heart_rate)) + geom_point() + geom_smooth(method = lm)
```

