

temp_Assignment

R Markdown

#Minimum Daily Temperature Dataset

```
## Warning: package 'tseries' was built under R version 4.0.5
```

```
## Registered S3 method overwritten by 'quantmod':
```

```
##   method          from
```

```
##   as.zoo.data.frame zoo
```

```
## Warning: package 'tidyverse' was built under R version 4.0.3
```

```
## -- Attaching packages ----- tidyverse 1.3.0 --
```

```
## v tibble  3.0.3      v dplyr   1.0.2
```

```
## v tidyr   1.1.2      v stringr 1.4.0
```

```
## v readr   1.4.0      v forcats 0.5.0
```

```
## v purrr   0.3.4
```

```
## Warning: package 'tidyr' was built under R version 4.0.3
```

```
## Warning: package 'readr' was built under R version 4.0.3
```

```
## Warning: package 'forcats' was built under R version 4.0.3
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::lag()     masks stats::lag()
```

```
## Warning: package 'tsibble' was built under R version 4.0.5
```

```
##
```

```
## Attaching package: 'tsibble'
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
##   intersect, setdiff, union
```

```
## Warning: package 'lubridate' was built under R version 4.0.3
```

```
##  
## Attaching package: 'lubridate'
```

```
## The following object is masked from 'package:tsibble':  
##  
##   interval
```

```
## The following objects are masked from 'package:base':  
##  
##   date, intersect, setdiff, union
```

```
## Warning: package 'feasts' was built under R version 4.0.5
```

```
## Loading required package: fabletools
```

```
## Warning: package 'fabletools' was built under R version 4.0.5
```

```
## Warning: package 'imputeTS' was built under R version 4.0.5
```

```
##  
## Attaching package: 'imputeTS'
```

```
## The following object is masked from 'package:tseries':  
##  
##   na.remove
```

```
##           Date Temp  
## 1 1981-01-01 20.7  
## 2 1981-01-02 17.9  
## 3 1981-01-03 18.8  
## 4 1981-01-04 14.6  
## 5 1981-01-05 15.8  
## 6 1981-01-06 15.8
```

```
##           Date           Temp  
## Length:3650      Min.    : 0.00  
## Class :character  1st Qu.: 8.30  
## Mode  :character  Median :11.00  
##                               Mean  :11.18  
##                               3rd Qu.:14.00  
##                               Max.   :26.30
```

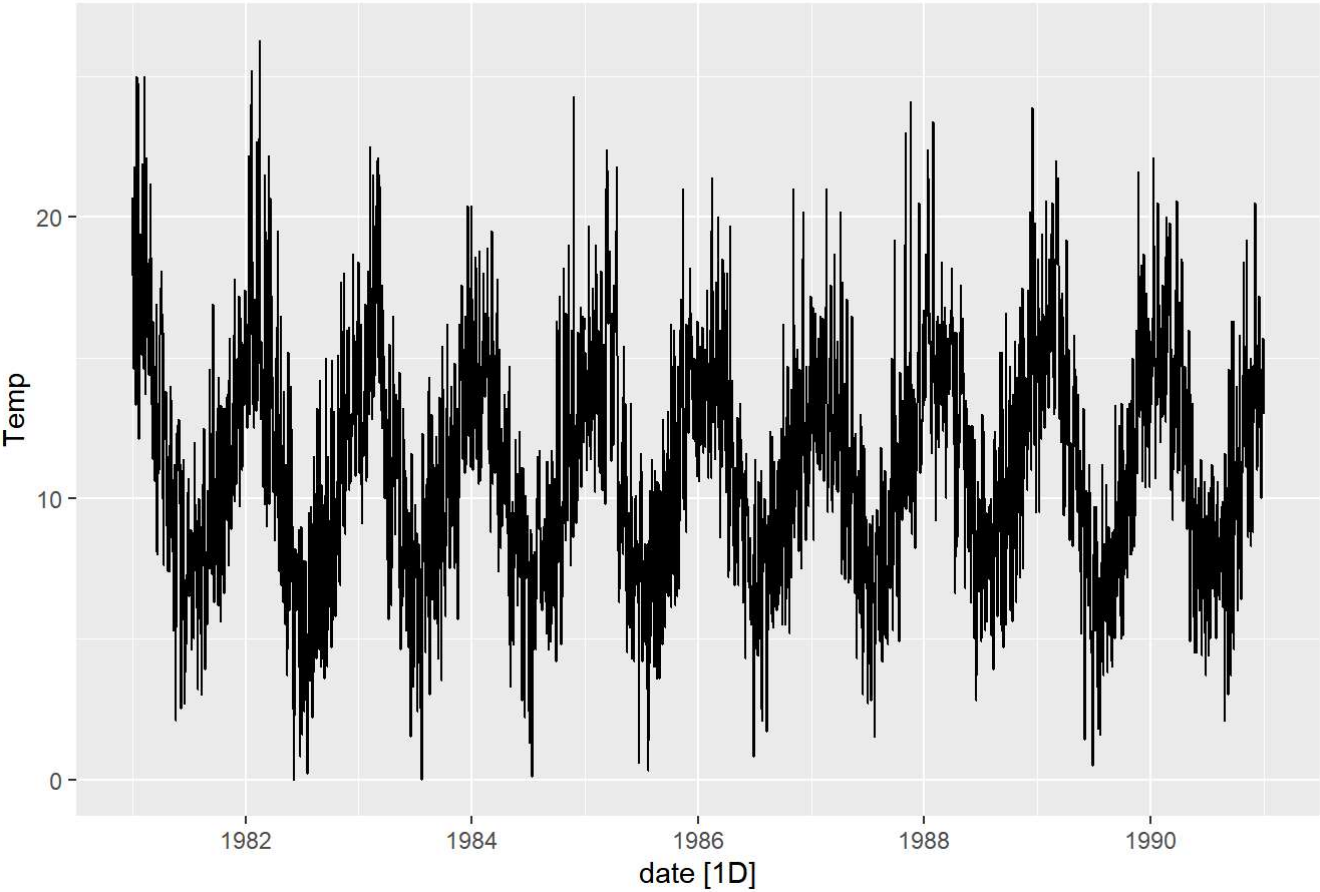
```
## 'data.frame':  3650 obs. of  2 variables:  
## $ Date: chr  "1981-01-01" "1981-01-02" "1981-01-03" "1981-01-04" ...  
## $ Temp: num  20.7 17.9 18.8 14.6 15.8 15.8 15.8 17.4 21.8 20 ...
```

```
## # A tibble: 1 x 1  
##   .gaps  
##   <lgl>  
## 1 TRUE
```

```
## # A tibble: 2 x 3  
##   .from      .to      .n  
##   <date>    <date>    <int>  
## 1 1984-12-31 1984-12-31      1  
## 2 1988-12-31 1988-12-31      1
```

```
## # A tibble: 0 x 3  
## # ... with 3 variables: .from <date>, .to <date>, .n <int>
```

Temp graph



Yearly Seasonal Graph

