Day 2 Practice

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Filtering and Markdown practice

Day 2 practice, **repo link** [link](https://github.com/KinyeskiMatias/R-tidyverse-)

R Code

Segments

Mississippi group

mississippiGroup<- CO2 **%>%**   
 **filter**(Type **==** "Mississippi")

Mississippi head

**head**(mississippiGroup, n = 3)

## Plant Type Treatment conc uptake  
## 1 Mn1 Mississippi nonchilled 95 10.6  
## 2 Mn1 Mississippi nonchilled 175 19.2  
## 3 Mn1 Mississippi nonchilled 250 26.2

Mississippi Chilled group

missChilled <- mississippiGroup **%>%**   
 **filter**(Treatment **==** "chilled")

Mississippi chilled uptake mean

**mean**(missChilled**$**uptake)

## [1] 15.81429

Mississippi Nonchilled group

missNonchilled <- mississippiGroup **%>%**   
 **filter**(Treatment **==** "nonchilled")

Mississippi nonchilled meadian uptake

**median**(missNonchilled**$**conc)

## [1] 350

Quebec

quebecGroup <- CO2 **%>%**   
 **filter**(Type **==** "Quebec")

Quebec tail

**tail**(quebecGroup, n= 5)

## Plant Type Treatment conc uptake  
## 38 Qc3 Quebec chilled 250 38.1  
## 39 Qc3 Quebec chilled 350 34.0  
## 40 Qc3 Quebec chilled 500 38.9  
## 41 Qc3 Quebec chilled 675 39.6  
## 42 Qc3 Quebec chilled 1000 41.4

test

CO2 **%>%**   
 **filter**(conc **>=** 250 **&** uptake **>=**26)

## Plant Type Treatment conc uptake  
## 1 Qn1 Quebec nonchilled 250 34.8  
## 2 Qn1 Quebec nonchilled 350 37.2  
## 3 Qn1 Quebec nonchilled 500 35.3  
## 4 Qn1 Quebec nonchilled 675 39.2  
## 5 Qn1 Quebec nonchilled 1000 39.7  
## 6 Qn2 Quebec nonchilled 250 37.1  
## 7 Qn2 Quebec nonchilled 350 41.8  
## 8 Qn2 Quebec nonchilled 500 40.6  
## 9 Qn2 Quebec nonchilled 675 41.4  
## 10 Qn2 Quebec nonchilled 1000 44.3  
## 11 Qn3 Quebec nonchilled 250 40.3  
## 12 Qn3 Quebec nonchilled 350 42.1  
## 13 Qn3 Quebec nonchilled 500 42.9  
## 14 Qn3 Quebec nonchilled 675 43.9  
## 15 Qn3 Quebec nonchilled 1000 45.5  
## 16 Qc1 Quebec chilled 250 30.3  
## 17 Qc1 Quebec chilled 350 34.6  
## 18 Qc1 Quebec chilled 500 32.5  
## 19 Qc1 Quebec chilled 675 35.4  
## 20 Qc1 Quebec chilled 1000 38.7  
## 21 Qc2 Quebec chilled 250 35.0  
## 22 Qc2 Quebec chilled 350 38.8  
## 23 Qc2 Quebec chilled 500 38.6  
## 24 Qc2 Quebec chilled 675 37.5  
## 25 Qc2 Quebec chilled 1000 42.4  
## 26 Qc3 Quebec chilled 250 38.1  
## 27 Qc3 Quebec chilled 350 34.0  
## 28 Qc3 Quebec chilled 500 38.9  
## 29 Qc3 Quebec chilled 675 39.6  
## 30 Qc3 Quebec chilled 1000 41.4  
## 31 Mn1 Mississippi nonchilled 250 26.2  
## 32 Mn1 Mississippi nonchilled 350 30.0  
## 33 Mn1 Mississippi nonchilled 500 30.9  
## 34 Mn1 Mississippi nonchilled 675 32.4  
## 35 Mn1 Mississippi nonchilled 1000 35.5  
## 36 Mn2 Mississippi nonchilled 250 30.6  
## 37 Mn2 Mississippi nonchilled 350 31.8  
## 38 Mn2 Mississippi nonchilled 500 32.4  
## 39 Mn2 Mississippi nonchilled 675 31.1  
## 40 Mn2 Mississippi nonchilled 1000 31.5  
## 41 Mn3 Mississippi nonchilled 350 27.9  
## 42 Mn3 Mississippi nonchilled 500 28.5  
## 43 Mn3 Mississippi nonchilled 675 28.1  
## 44 Mn3 Mississippi nonchilled 1000 27.8