Lab 2: Logicial expressions and missing data

Introduction

The goal of this lab is to introduce you to how R evaluates logical expressions and how it handles missing values in data. You will be completing two Swirl lessons. Each lesson will take anywhere from 10-30 minutes and you can stop and restart them at any time (It will not save your spot mid-lesson). At the end of the lesson you will have the option to send me an email letting me know you have completed the lesson. **Do this so I can give you credit!**

Logic

Complete the **Logic** Swirl lesson.

Practice

1. Evaluate `((111 >= 111) | TRUE) & ((4 + 1) != 5)`
2. Evaluate `!(3+5)`. What does the `!` operator do? How is it different from `!=`?

Assessment

Complete the **Logic** quiz on BBLearn.

Missing Data

Complete the **Missing Data** swirl lesson.

Practice

1. When you loaded the missing data swirl lesson, a vector called `Nile` should have been created in your environment. How many missing values does this vector have?
2. Wrap the `sum()` function around the `is.na()` function to find the answer to the above question in one step. Hint: functions can be nested: `f(g(x))`.

Assessment

Complete the **Missing Data** quiz on BBLearn.