

# Data 8 Lab 02

September 03, 2025



# lab attendance

reminder lab attendance is mandatory, but if you have any extenuating circumstances, please email me!

# reminders

remember to...

- save** the notebook before generating the zip / pdf (re-run the export cell)
- make sure the answers in the generated pdf match what you expect
- verify Pensieve autograder results match what you expect

# lab support!!

tutors will be helping out in labs! please say hi to them

# no tech policy

we'll be enforcing no tech/laptop/ipad policy in labs (for the discussion part)

if you have approved accommodations come see me after

# mini lecture!

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cause & effect, Python, tables

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# cause & effect

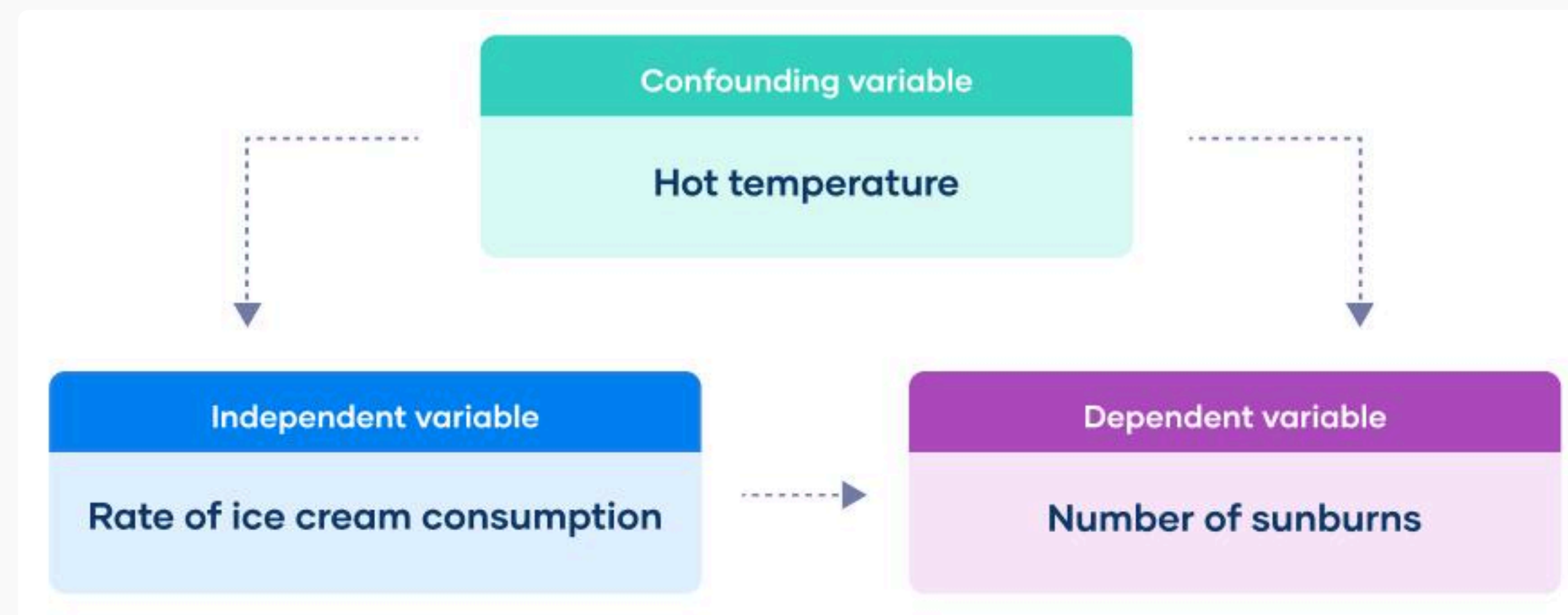
## treatment group

group of people who **received** the treatment

## control group

group of people who did **not** receive the treatment

**confounding factor:** underlying difference OTHER THAN the treatment



# tables

Name	Age	Event	Time
Jonathan	34	100m butterfly	49.2
Marissa	22	50m freestyle	23.6
Richard	19	200m breaststroke	46.4

these are the **rows**

these are the **columns**

you can do many operations on these tables (which we'll learn throughout this semester), such as `.sort()`, `.where()`, `.select()`



# discussion worksheet

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discussion worksheets can be found on [data8.org](https://data8.org)

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# lab notebook

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lab notebooks can also be found on [data8.org](https://data8.org).

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that's it for Lab 2! feel free to leave once finished

# thanks for coming

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all my resources (such as these slides) can be found on my website, [xie.nz/d8](https://xie.nz/d8)