
LESSON PLAN

LESSON #4

Aim: Filtering data and handling missing data part 2

Objective: After a lesson on reading and selection of data, students will be able to use Python to perform the same procedures on two other datasets.

Do Now: Why data science? <https://www.youtube.com/watch?v=a33rDTGfQ7M>

Standards: 9-12. CT.7 Computational Thinking, Algorithms, and Programming
9-12. DL.5 Digital Literacy, Digital Use

Mini-Lesson:

1. Review yesterday's lessons
 - a. Filtering data
 - b. Handling missing data
2. Student's will use at least three datasets and/or websites on which they will perform the same data procedures illustrated in class yesterday, while working in groups of 2s or 3s. Each group must continue processing two of the three datasets selected on Monday. You may not use the first data instead you must select a new dataset in its place.
3. Conclusion and summary
Discussion:
 - » What are some of the problems or challenges you encountered?
 - » How did you resolve them?
 - » What did you learn from this lesson?
 - » Do you have any lingering questions on today's lesson or data science in general?

