DS2000

3/14- Tues. 🍊
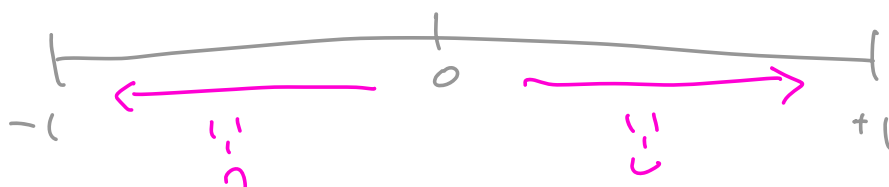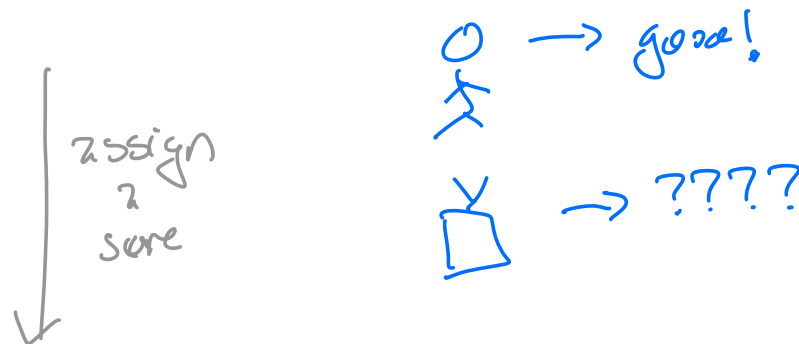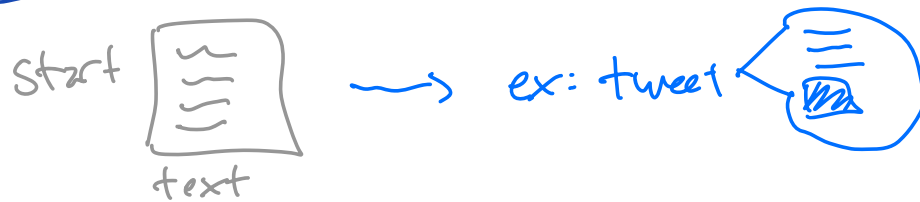
Admin

- Quiz 7 4:30 today → 9:50 Fri
- Fri class on zoom
- OH today online
- HW6 out Fri

Agenda

1. Sentiment Analysis
2. Python

1. Sentiment Analysis — Data Science Algorithm

Start [text] ⟶ ex: tweet

🙂 ⟶ good!

☹ ⟶ ????

assign a score

-1 ⟵⟶ 0 ⟶ $+1$

Context:
- What is general reaction to an event?
- Reviews of a movie/ restaurant/ product?
- What is the skew of a newspaper/media?

Basic Algorithm:
- one line at a time, one line == one score
- look at each word in the line
- neg word ⟶ score decreases
- pos word ⟶ score increases
- divide by # words in the line

ex: new   is   great
         ‾‾0   ‾0   .8

Score = 0

      = 0 + 0 + .8

      = $\boxed{.8 \;/\; 3}$

Today ⟶ Bing chatbot

        Sentiment Score per line

~1   ← omg!!   normal   +1
                   Sane
                   fine