

Machine learning and naive Bayes classification units

- ▶ Machine learning boot camp (Friday before break)
- ▶ Finishing basic ML terms; bag-of-words model (last week Friday)
- ▶ The math of multinomial naive Bayes classification (**Today**)
- ▶ Lab: NBC (Wednesday)
- ▶ Practical considerations of NBC (Friday)

Today:

- ▶ “Bayes”
- ▶ “Naive”
- ▶ “Multinomial”
- ▶ Putting it together

Coming up:

- ▶ Take ML basics quiz (Tues, Oct 24)
- ▶ Do bag-of-words programming assignment (Wed, Oct 25)
- ▶ Read J&M 4.(0-8, 10) (Wed, Oct 25)
- ▶ Take NBC quiz (Thurs, Oct 26)
- ▶ Do NBC programming assignment (Fri, Nov 3)

(There will be some sort of reading for the next unit (stylometry), but it will be from something outside our textbook. I haven't decided on it yet, though.)