

Before we get started...

In class and in lab, I expect you to contribute to an environment that supports everyone's learning.

- 1 Please raise your hands to ask or answer questions
- 2 No phones, no headphones; use computers but only for classwork.
- 3 No food in class or lab!

Today, we'll talk a bit about

Language,

Using computers to work with language, and

Course logistics.

Computational Linguistics

Computational Linguistics

Studying language

Using computers

Computational Linguistics

Studying language

Natural Language Processing

Human language

Natural Language Processing

Human language

Natural Language Processing

Doing stuff with language data

We'll do a bit of each – but the emphasis will really be on NLP.

There are around 7,000 living human languages,
distributed across 128 language families.

These can be spoken or signed – and may also be
written down.

Natural language processing isn't just about English!

But we're going to talk about English a lot – why is that?

Layers of linguistic representation

Can machines think?

~~Can machines think?~~

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