Natural Language Processing

Natural Language Processing (or NLP for short) is a **discipline in computing that deals with the communication between natural (human) languages and computer languages**. A common example of NLP is something like **spell check or autocomplete**.

Essentially NLP is the field that focuses on how computers can understand and/or process natural/human languages.

Recurrent Neural Networks

In this tutorial we will introduce a new kind of neural network that is much more capable of processing sequential data such as text or characters called a **recurrent neural network** (RNN for short).

We will learn how to use a reccurent neural network to do the following:

* Sentiment Analysis
* Character Generation

RNN's are complex and come in many different forms so in this tutorial we wil focus on how they work and the kind of problems they are best suited for.