

## Week 3 : POS tagging with simple features

1. Use your own CoNLL-U parser, accuracy measuring methods and so on.
2. Given a training set X made of pairs of words and POS tags, train a Perceptron from Scikit to predict the POS tags, repeat the process with different feature sets:
  1. Simple target word based features,
  2. + left and right neighbours,
  3. + sentence level features
  4. Combinations of simple target word based features,
  5. + left and right neighbours,
  6. Word dimension reduction (PCA),
  7. + features.