

Introduction

(SNLP tutorial)

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Overview

- Hello
- Topics
- Requirements
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- Cheating
- Homework

Hello

Who am I?

Hello

Who am I?

Who are you?



Task: Pick one not yet taken + why do you find it interesting.

- Language properties, Zipf's Law
- Entropy, basic information theory (Shannon's game, entropy-based quantities, code lengths)
- Language modelling, back-off models (interpolation, discounting)
- Text classification, basic classification algorithms (kNN, decision trees, SVM, ...)
- Word sense disambiguation, dictionary / translation / collocation based disambiguation
- Information retrieval, latent semantic analysis, singular value decomposition
- Machine translation, word alignment, beamsearch
- Sequence labeling (hidden markov chains / models, conditional random fields)

Requirements

TBD

What's available / backpropagation

- Lectures by prof. Klakow
- Live tutorials
- Tutorial handouts
- Consultations {live, email, chat}
- Corrected homework

Cheating

Cheating

no

Homework

TBD

Resources

- ① UdS SNLP Class, WSD: <https://teaching.lsv.uni-saarland.de/snlp/>
- ② Classical Statistical WSD: <https://www.aclweb.org/anthology/P91-1034.pdf>