Introduction
(SNLP tutorial)

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Overview

- Hello
- Topics (10 minutes)
- Requirements (10 minutes)
- Materials
- Cheating
- Homework (10 minutes)

Hello

Who am I?

Hello

Who am I?

Who are you?

Topics

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

	Points	Weight
Homework	TBD	$\Rightarrow$ TBD%
Final Project	TBD	$\Rightarrow$ TBD%
Bonus Points	TBD	$\Rightarrow$ TBD%
Required	TBD	$\Rightarrow$ TBD%

Requirements

TBD

	Points	Weight
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Required	TBD	$\Rightarrow$ TBD%

Bonus Points

- Activity during tutorials
- Extraordinarily nice solutions to HW
- Contributing to **github.com/zouharvi/uds-snlp-tutorial**

What's available

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

Cheating

Cheating

no

Homework

TBD

Resources

1. UdS SNLP Class: https://teaching.lsv.uni-saarland.de/snlp/
2. Tutorial repository: https://github.com/zouharvi/uds-snlp-tutorial