



Overview

Week 1

Week 2

Week 3

Week 4

Grades

Notes

Discussion Forums

Messages

Course Info

Week 1

Natural Language Processing with Probabilistic Models

Week 1

Discuss this week's modules here.  
95 threads · Last post a day ago

Go to forum

Autocorrect



Learn about autocorrect, minimum edit distance, and dynamic programming, then build your own spellchecker to correct misspelled words!

Key Concepts

- Word probabilities

More

Lecture: Autocorrect and Minimum Edit Distance

Video: Intro to Course 2 1 min

Resume

Reading: Connect with your mentors and fellow learners on Slack! 10 min

Video: Overview 1 min

Video: Autocorrect 2 min

Video: Building the model 3 min

Lab: Lecture notebook: Building the vocabulary 1h

Video: Building the model II 2 min

Lab: Lecture notebook: Candidates from edits 1h

Video: Minimum edit distance 2 min

Video: Minimum edit distance algorithm 5 min

Video: Minimum edit distance algorithm II 3 min

Video: Minimum edit distance algorithm III 2 min

Assignment: Autocorrect

Programming Assignment: Autocorrect 3h Due Sep 28, 1:59 AM CDT

Reading: How to Refresh your Workspace 10 min