# LING 520: Computational Analysis of English Semester: FALL '16

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Iowa State University, USA

25 October 2016

#### Class Outline

- Discussion about last week's text classification exercise
- General review
- ► Natural Language Parsing introduction

#### Announcements, Reminders etc

- Assignment 4 is due on saturday.
- My code examples from friday's tutorial: I uploaded what I already discussed. Please go through the code, AND the comments.
- ▶ I will continue with doing some review today.
- All Coursera courses and lectures I mentioned about in this class are free. If anyone is unable to download the content, take a copy from me.

# General comments on the Delta part of the feedback the 'What needs to change in the course' part:

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the 'What I need to change' part:

- do more practice (almost everyone)
- ▶ do more review (2-3)
- ▶ more communication with instructor (1-2)

#### Discussion about last week's exercise

- ▶ Last Thursday, I asked you to pick one of the text classification examples from NLTK book and work through them to understand what is happening.
- ▶ I want each team to briefly summarize what they did, how much they understood in the process etc.

#### General Review

#### Reading a saved dictionary

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#### Reading a saved dictionary

- Question: How do you store a dictionary on to your hard disk? How will you access this dictionary in another program? How many people successfully did this? How?
- Here is one way of doing it: dictionary-creation.py, dictionary-use.py

#### Probability and Programming

- ► Katrin Erk's code, line by line + more.
- Note: This is the best and most comprehensible code on this topic I found so far. You are more than welcome to find something easier than this and share with the class if you think I am wasting your time by repeatedly talking about this.