

14. Presentation Prep

LING-351 Language Technology and LLMs

Instructor: Hakyung Sung

October 14, 2025

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Where we are

8	10/14	Fall break (No class)		
	10/16	Presentation prep		
9	10/21	Chatbot	[LC] Ch. 8.3	
	10/23	Prompt engineering		Exercise 4
10	10/28	Paper presentation (Papers 1, 2)		
	10/30	Paper presentation (3, 4)		
11	11/4	Paper presentation (5, 6)		
	11/6	Paper presentation (7, 8)		
12	11/11	Paper presentation (9)		
	11/13	Paper presentation (10, 11)		Assignment 1
13	11/18	Paper presentation (12, 13)		
	11/20	Paper presentation (14, 15)		
14	11/25	Paper presentation (16, 17)		
	11/27	Thanksgiving break (No class)		
15	12/2	Paper presentation (18)		
	12/4	Final wrap-up		Assignment 2
16	12/9	Reading day (No class)		
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Final exam (Online)
(December 12, Friday)

Final grading components [number \times points]:

- Exercises [4×10]: 40%
- Assignments [2×10]: 20%
- Paper presentations [2×5]: 10%
- Online exam 30%
 - o Midterm [1×15] 15%
 - o Final [1×15] 15 %

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Group presentation

Group assigned

- Each group consists of 2 members.
- Two papers assigned for each group.
- There will be two presentations per group:
 - One member presents in the first round.
 - Another member presents in the second round.

Purpose & Overview

- Presentation time: 20-25 minutes (< 30 mins)
 - 15-20 minutes for presentation
 - 10-15 minutes for Q&A
- Goal: Demonstrate your understanding of the assigned research paper and explain it clearly to your classmates.
- Focus on key ideas, not every detail.

Suggested structure

1. Introduction: Present the paper's title, author(s), publication year, and explain why it is important.

2. Background: Summarize key concepts and relevant prior studies.

3. Research questions: State what the authors aimed to investigate.

4. Methodology: Describe how the study was conducted.
(Mention any tools or technologies relevant to this class.)

5. Findings: Highlight the main results using clear and concise explanations.

6. Your commentary: Share your own evaluation, insights, or critiques.

7. Interactive quiz: Prepare 4 short questions (multiple choices, short written response, etc.) to engage your classmates.

- 2 from presenter
- 2 from other group member

Assignment overview

- After each round of presentations (**Nov 14 & Dec 5**), you will be asked to submit a short written assignment (**individual**)
- **What to submit:**
 1. **Slides (PDF file)** — I will upload your presentation slides to the course website.
 - Include your quiz questions (without answers) (2 points)
 2. **Written reflection (.docx file)**
 - Reflect on the paper you presented. (2 points)
 - Choose two additional papers from other groups and answer the reflection prompts. (6 points)
 - **Length:** No more than **2 pages in total**.

Suggested structure for reflection

1. Background
2. Research questions
3. Methodology
4. Findings
5. Your commentary

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Final exam

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- The exam will include:
 - Questions created by you from each presentation,
 - A few additional questions prepared by me,
 - And topics covered in the chatbot sessions.
- **Format:** Multiple choice and short written response questions.

Please check the following pages:

- https://hksung.github.io/Fall25_LING351/assignments/02_presentation
- https://hksung.github.io/Fall25_LING351/assignments/03_assignment

Midterm

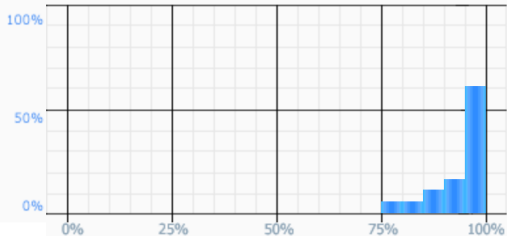
Any thoughts on the midterm quiz?

Median: 96.36 %

Standard Deviation: 6.03 % ?

Grade Distribution

Number
of
Users
(%)



Which of the following sentences best illustrates the traditional spell-checking method based on dictionary and edit distance?

- ☐ The spell checker automatically changes "teh" to "the" based on the keylog information.
- ☐ The spell checker recognizes "rizz" as a valid word, reflecting its emergence as a newly coined term.
- ☐ The spell checker suggests "buy" instead of "by" in the context of "I want to by a book."
- ☐ The spell checker fails to recognize "COVID-19" unless the dictionary has been updated to include it.

In the sentence “The girl ate an apple.”, which dependency relation correctly describes the word apple?

- ☐ **noun** - simple noun
- ☐ **det** - determiner
- ☐ **root** - main verb
- ☐ **nsubj** - nominal subject
- ☐ **obj** - nominal object



python

