AGGREGATED TEXT ANALYTICS REPORT

This report provides an analysis of student comments received in response to two questions: "What are the teacher strengths?" and "What improvement would you suggest for the teacher?"

- The text analytics reports provide an overview of student comments for all of your teaching over the past semester.

- The reports are useful primarily for **formative purposes**. They can help with quickly identifying perceived strengths and opportunities for development in one's teaching based on the frequency of keywords and keyword combinations that appear in student comments. The corresponding attributes are derived from a dictionary that has been compiled on the basis of hundreds of thousands of student comments from multiple universities in North America, Australia, and elsewhere.

- The reports are especially useful for courses with large class sizes given the high volume of free-form comments, as they provide instructors with a quick summary of massive amount of data by categorisation. That said, it goes without saying that given enough time, humans tasked with reviewing free-form comments will always produce better results than even the most powerful computers. For example, if you have fewer than 50 comments then it might be a lot easier to read the actual comments than relying on categorisation. Thus, text analytics reports are not used for judging the quality of teaching, but are **meant only for the eyes of teachers themselves to reflect on** and, where necessary, improve their own teaching.

| Name of Teacher	Kan Min-Yen
Academic Year/Sem	2024/2025 - SEM 2
Department	DEAN'S OFFICE (SCHOOL OF COMPUTING)
Faculty	SCHOOL OF COMPUTING

Student comments included from the following classes: CS4248-NATURAL LANGUAGE PROCESSING (LECTURE) CS4248-NATURAL LANGUAGE PROCESSING (TUTORIAL)

Raters	Student
Responded	82
Invited	167
Response Ratio	49%

Note:

Class Size = Invited; Response Size = Responded; Response Rate = Response Ratio

Attributes based on comments for "What are the teacher's strengths?"

The analysis is done by taking into consideration all responses from courses taught by you. This section of the report graphically represents how often particular attributes are identified in the freeform response data, and are displayed as a percentage of the number of response received. The frequency table displays the top five attributes from all the freeform comments categorized by the dictionary. We recommend that you pay attention to those attributes above 10% points.
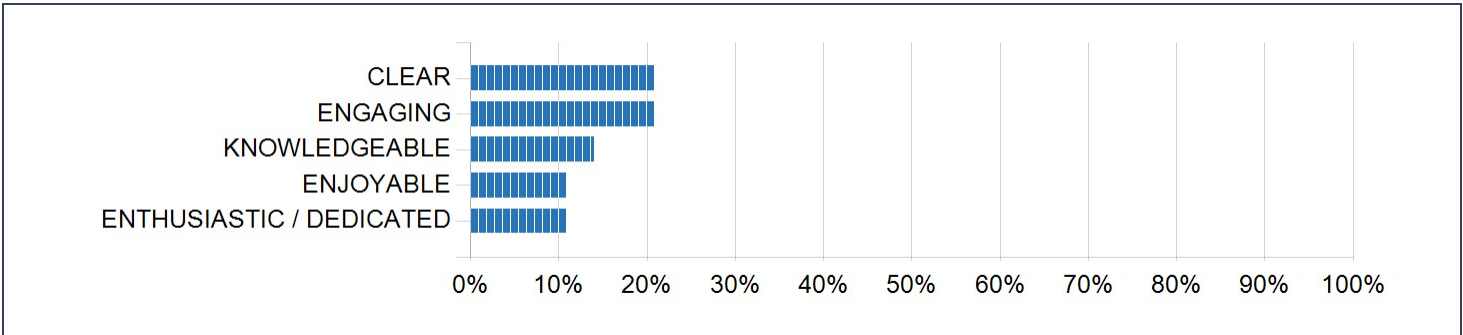
Attributes [No. of comments]	Overall [28]
CLEAR	21%
ENGAGING	21%
KNOWLEDGEABLE	14%
ENJOYABLE	11%
ENTHUSIASTIC / DEDICATED	11%

Comparison by Ratings (overall teacher effectiveness)

Attributes [No. of comments]	Strongly Agree [17]	Agree [11]
CLEAR	29%	9%
ENGAGING	29%	9%
KNOWLEDGEABLE	18%	9%
ENJOYABLE	12%	9%
ENTHUSIASTIC / DEDICATED	18%	0%

Comparison by Gender

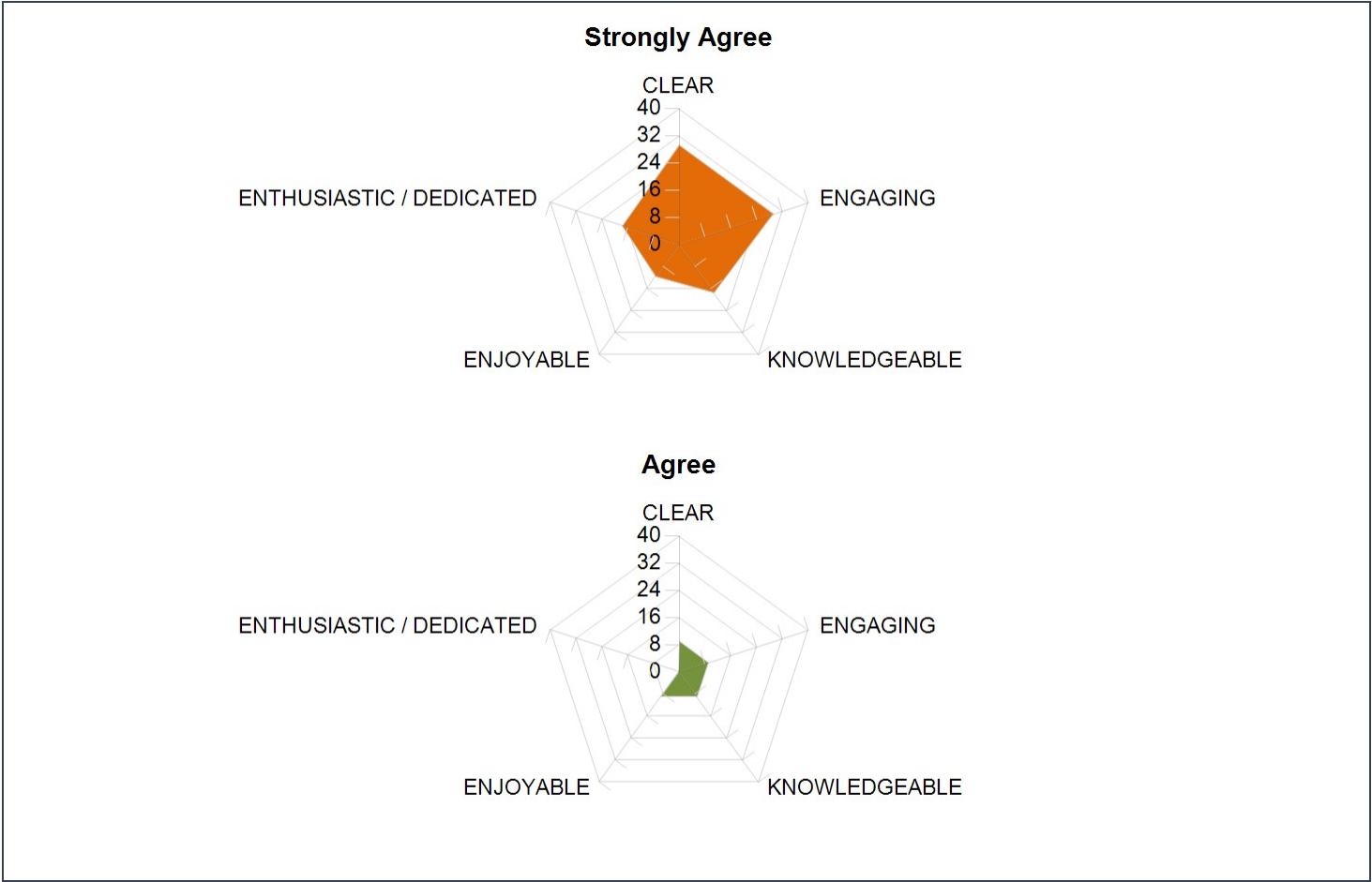| Attributes [No. of comments]	F [8]	M [20]
CLEAR	13%	25%
ENGAGING	38%	15%
KNOWLEDGEABLE	25%	10%
ENJOYABLE	25%	5%
ENTHUSIASTIC / DEDICATED	13%	10%

Gap Analysis based on comments for "What are the teacher's strengths"

Graphical representation on how often the top 5 themes identified in the response data deviate from the selected baseline (Department Average)
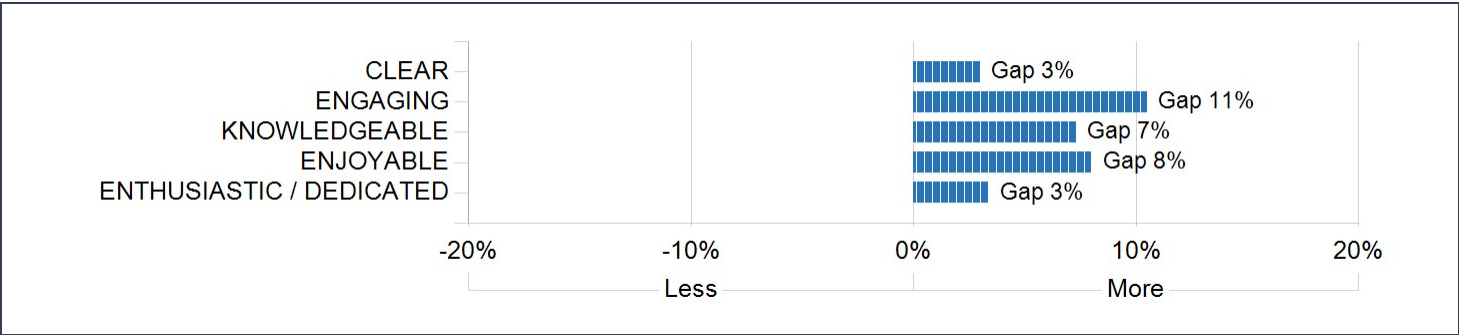
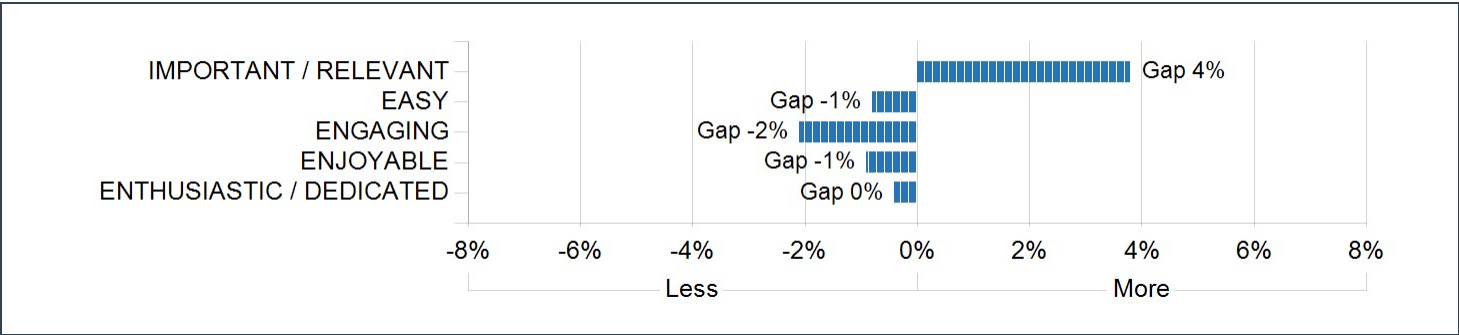| Attributes [No. of comments]	Teacher [28]	Department [10073]	Gap
CLEAR	21%	18%	3 %
ENGAGING	21%	11%	10 %
KNOWLEDGEABLE	14%	7%	7 %
ENJOYABLE	11%	3%	8 %
ENTHUSIASTIC / DEDICATED	11%	7%	3 %

Comparison between <u>Attributes from Qualitative Comments</u> and <u>Overall teacher effectiveness</u> for "What are the teacher's strengths?

Strongly Agree

(radar chart with axes: CLEAR, ENGAGING, KNOWLEDGEABLE, ENJOYABLE, ENTHUSIASTIC / DEDICATED; scale 0, 8, 16, 24, 32, 40)

Agree

(radar chart with axes: CLEAR, ENGAGING, KNOWLEDGEABLE, ENJOYABLE, ENTHUSIASTIC / DEDICATED; scale 0, 8, 16, 24, 32, 40)

Attributes [No. of comments]	Strongly Agree [17]	Agree [11]
CLEAR	29%	9%
ENGAGING	29%	9%
KNOWLEDGEABLE	18%	9%
ENJOYABLE	12%	9%
ENTHUSIASTIC / DEDICATED	18%	0%

Gap Analysis based on comments for "What improvements would you suggest for the teacher"

Graphical representation on how often the top 5 themes identified in the response data deviate from the selected baseline (Department Average)

IMPORTANT / RELEVANT — Gap 4%
EASY — Gap -1%
ENGAGING — Gap -2%
ENJOYABLE — Gap -1%
ENTHUSIASTIC / DEDICATED — Gap 0%

| | -8% | -6% | -4% | -2% | 0% | 2% | 4% | 6% | 8% |

Less | More

Attributes [No. of comments]	Teacher [16]	Department [8385]	Gap
IMPORTANT / RELEVANT	6%	2%	4 %
EASY	0%	1%	-1 %
ENGAGING	0%	2%	-2 %
ENJOYABLE	0%	1%	-1 %
ENTHUSIASTIC / DEDICATED	0%	0%	0 %