

MODULE REPORT

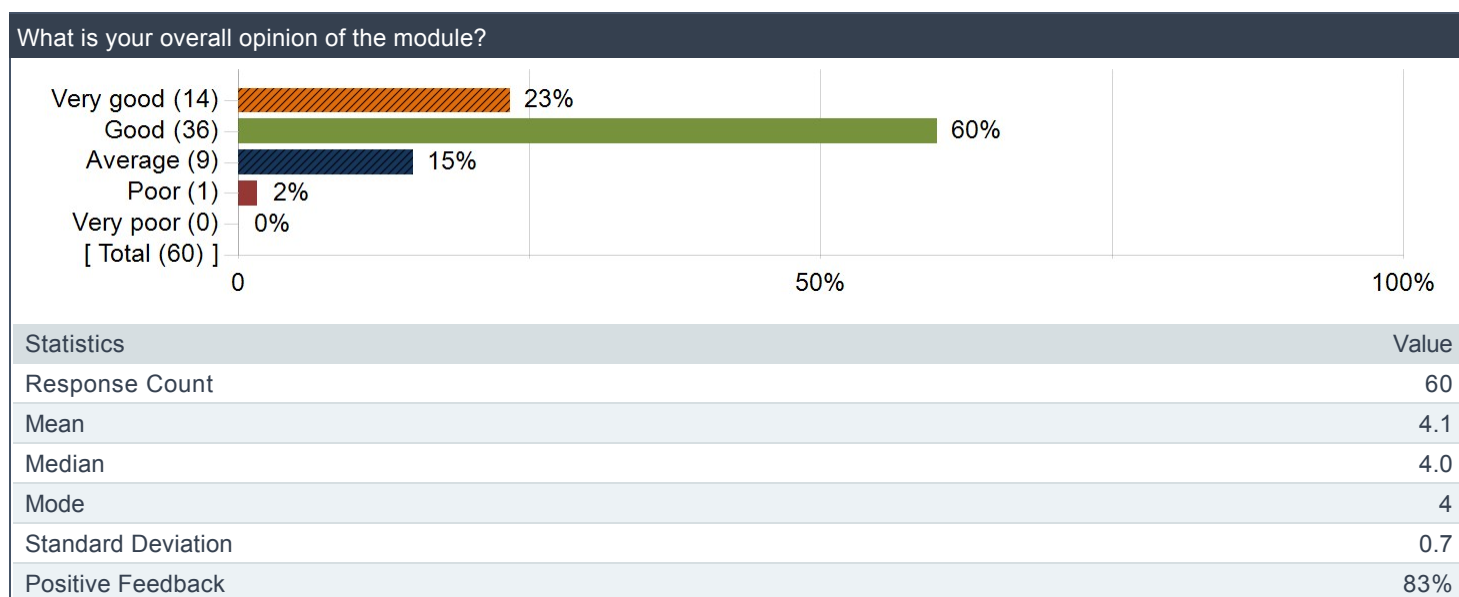
Module	CS4248 - NATURAL LANGUAGE PROCESSING
Academic Year/Sem	2021/2022 - Sem 2
Department	COMPUTER SCIENCE
Faculty	SCHOOL OF COMPUTING

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

Raters	Student
Responded	60
Invited	159
Response Ratio	38%

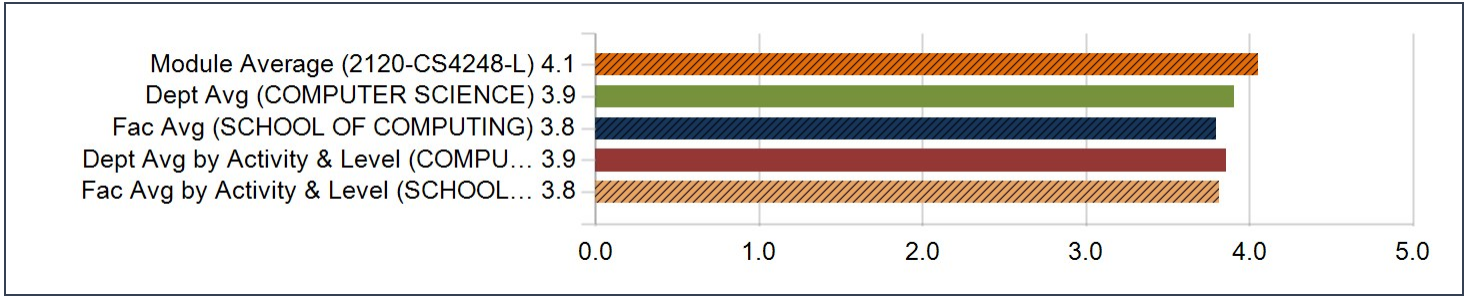
1. Overall opinion of the module

Distribution of Responses



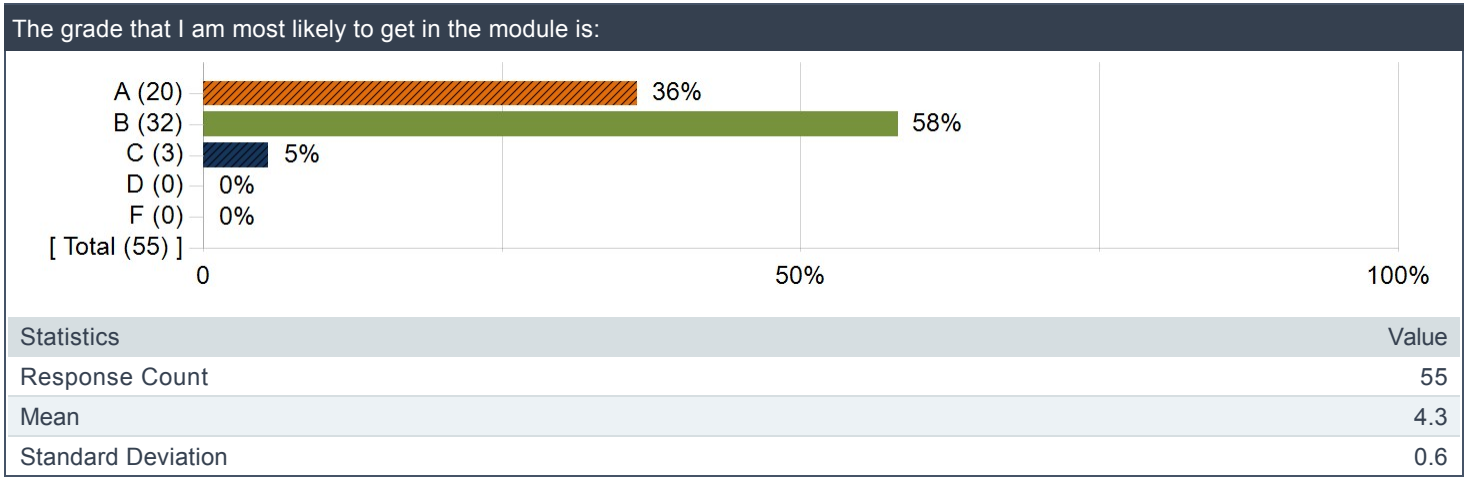
Rating Scores

Question	Module Average (2120-CS4248-L)		Dept Avg (COMPUTER SCIENCE)		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 4000))		Fac Avg by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 4000))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
What is your overall opinion of the module?	4.1	0.7	3.9	0.9	3.8	1.0	3.9	0.9	3.8	1.0



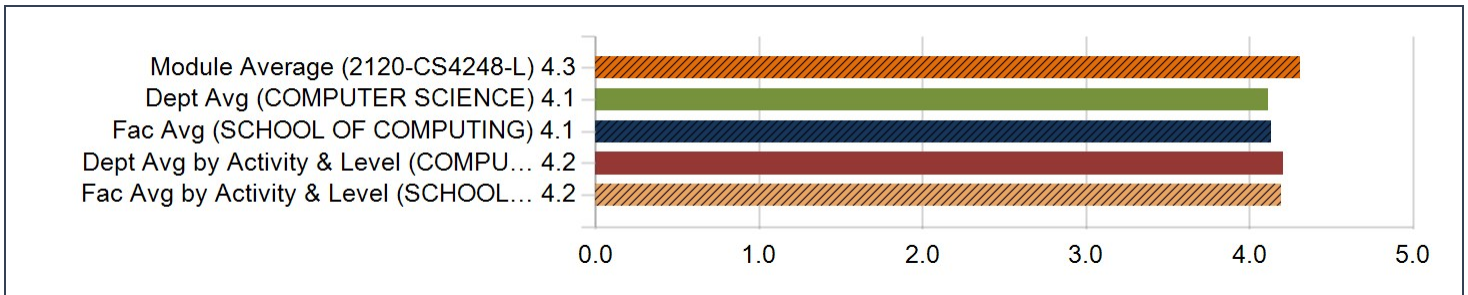
2. Expected Grade

Distribution of Responses



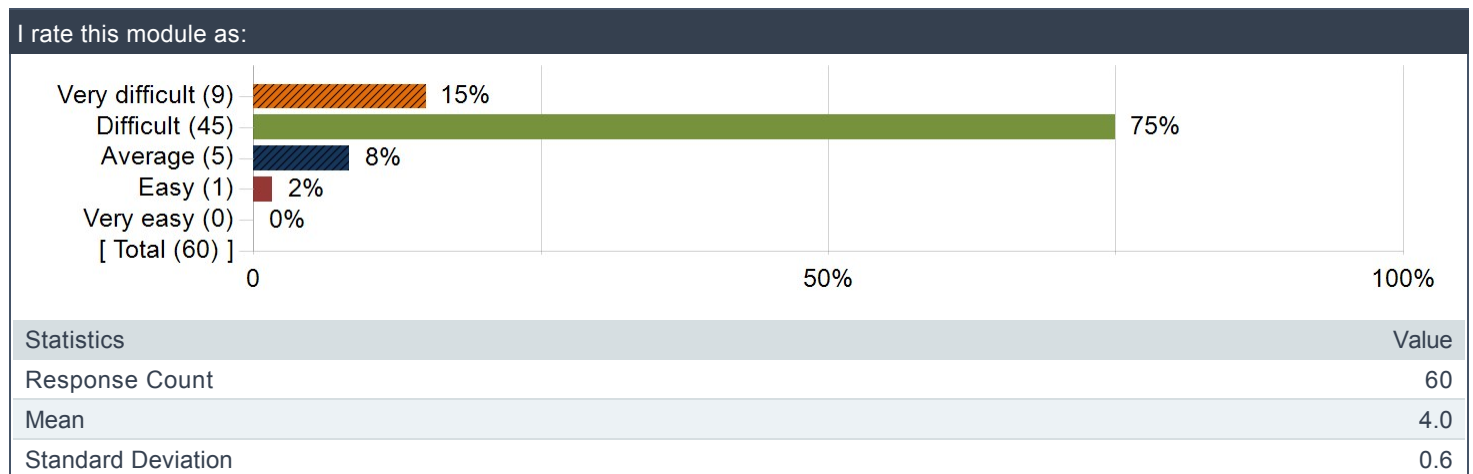
Rating Scores

Question	Module Average (2120-CS4248-L)		Dept Avg (COMPUTER SCIENCE)		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 4000))		Fac Avg by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 4000))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
The grade that I am most likely to get in the module is:	4.3	0.6	4.1	0.8	4.1	0.7	4.2	0.7	4.2	0.6



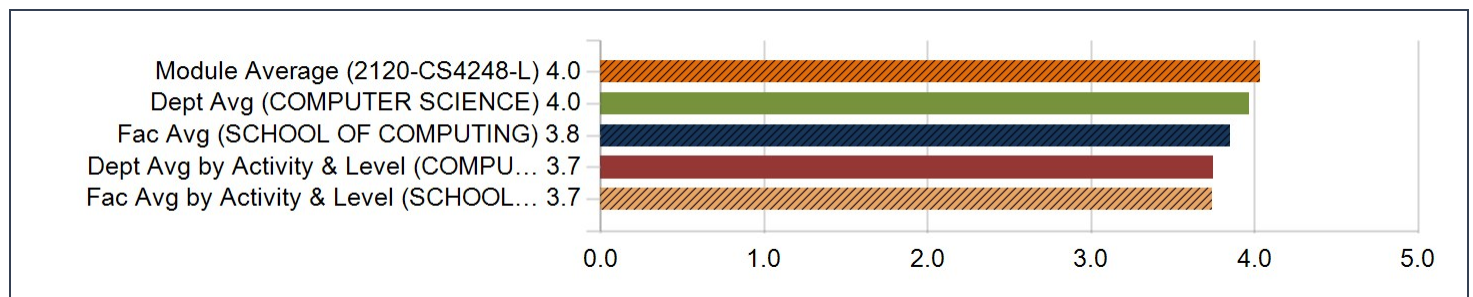
3. Difficulty Level of the module

Distribution of Responses



Rating Scores

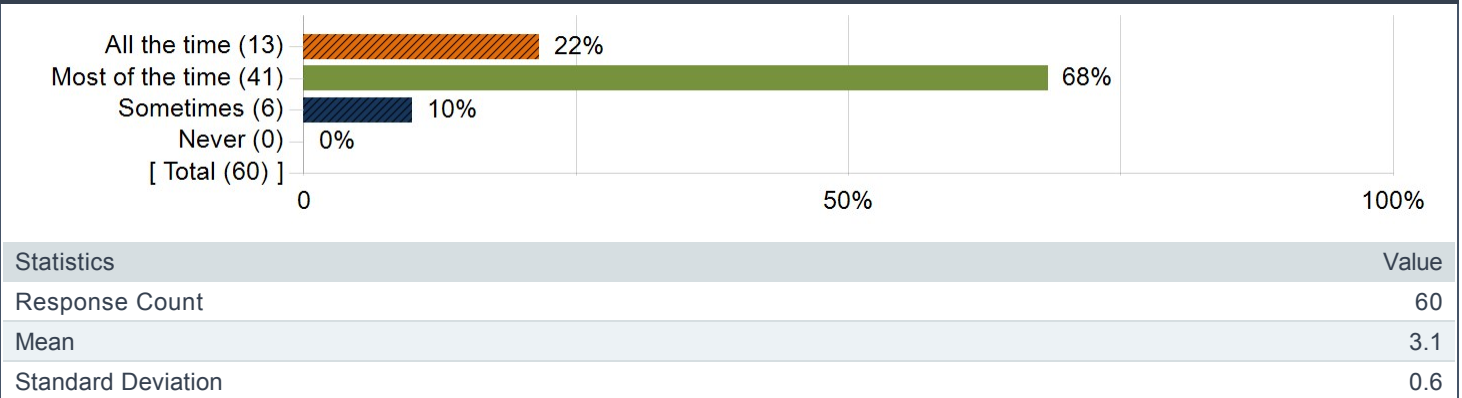
Question	Module Average (2120-CS4248-L)		Dept Avg (COMPUTER SCIENCE)		Fac Avg (SCHOOL OF COMPUTING)		Dept Avg by Activity & Level (COMPUTER SCIENCE-LECTURE (Level 4000))		Fac Avg by Activity & Level (SCHOOL OF COMPUTING-LECTURE (Level 4000))	
	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation	Mean	Standard Deviation
I rate this module as:	4.0	0.6	4.0	0.8	3.8	0.8	3.7	0.7	3.7	0.8



MODULE LEARNING OUTCOMES

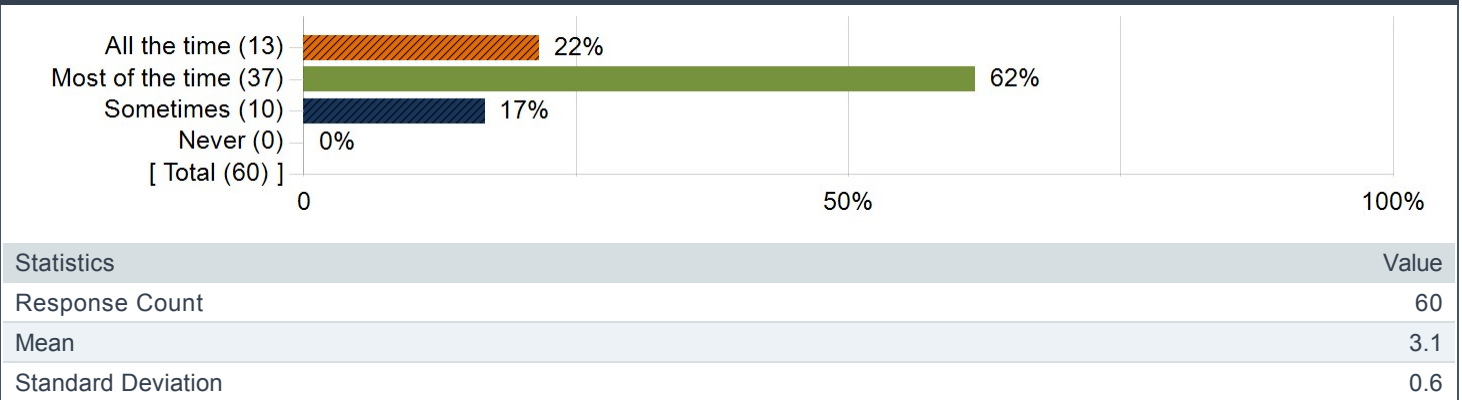
1. Understand the core concepts in natural language processing (NLP), including language models, word embeddings, neural networks, sentence parsing, and semantic representations.

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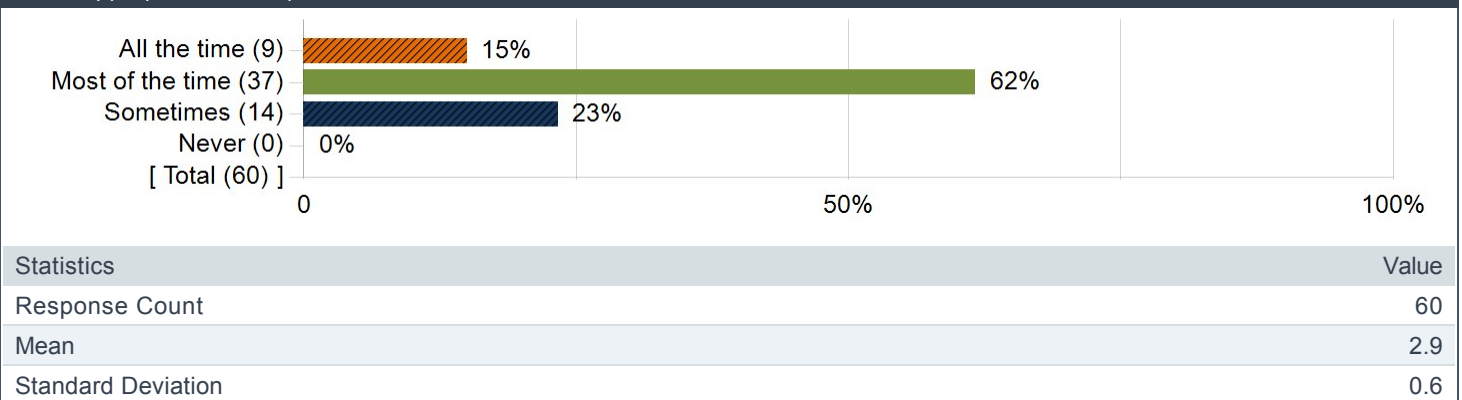
2. Identify sources of ambiguity in NLP.

Identify sources of ambiguity in NLP.



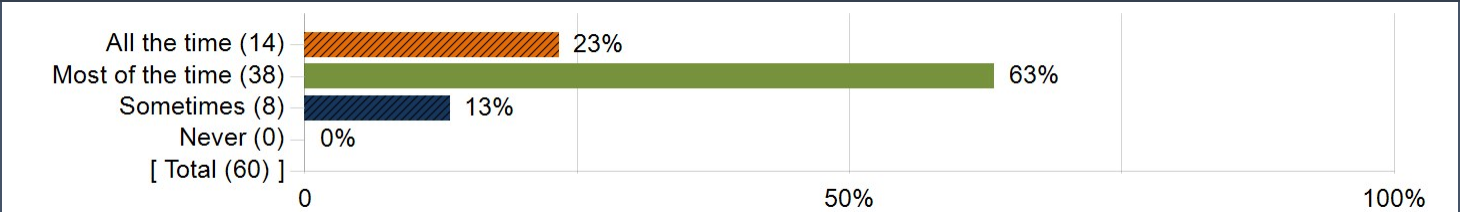
3. Select appropriate techniques to solve an NLP task.

Select appropriate techniques to solve an NLP task.



4. Evaluate and compare the performance of solutions to an NLP task.

Evaluate and compare the performance of solutions to an NLP task.



Statistics	Value
Response Count	60
Mean	3.1
Standard Deviation	0.6

WHAT I LIKE / DISLIKE ABOUT THE MODULE

What I liked about the module:

Comments
Learning about how machine learning can be applied to different natural language problems.
Depth of content
Teaching team is super nice
It teaches a lot of interesting things. I appreciate both the breadth and depth.
–
Colab notebooks, second assignment quite interesting
Learning about linguistics. Most assignment questions were fine and test our understanding of the concepts. Building random sentence generators. Final project was alright.
The content is useful.
I can systematically learn the knowledge of NLP from this course. This course provides enough materials and practices. Besides, it also teaches us how to explore this area by ourselves after the lecture.
The models and application, as well as project
Content is fun! Profs are great too!
Learn a lot of interesting contents and concepts about NLP
covers basic nlp introduction

What I did not like about the module:

Comments
Instructions ambiguous (assignments and project)
Assignments are vaguely phrased. Esp in assignment 1. There was also too little time given for A1
Assignments and tutorial participation. I prefer to attend tutorials when I'm not loaded with other coursework
workload is a bit heavy
The tutorial solution is not provided in full. There was a survey about the dataset to work on before we were assigned to project groups, but we do not share any common dataset of interest. The efforts in doing the survey are wasted.
It seems to have too high of a workload.
–
first assignment was ambiguous and quite difficult
Some assignment questions were vague. Maybe it would be nice to learn more about transformers too. Also, is it possible to relate the linguistics concepts more to NLP? Because I really loved the linguistics part, but felt it wasn't too practical.
The workload is much heavier than what I expected.
Can be a bit much to handle at times
long lecture, can split into 2h + 1h
Lectures often end exactly at 3h mark and i'm usually not able to focus by then. Each lecture is also usually quite heavy on content. As I usually prefer to print out my lecture slides, I would prefer if there is a printer-friendly version of the slides where only key content is included (to avoid having to flip through many pages).
Assignment 1 is way too heavy in workload. Even though assignments 2 and 3 are generally okay, I think some of the questions in assignment 1 can be moved to tutorials instead so that students have time for other modules as well.
Perhaps it is just my poor social skills, but I feel stressed when having to discuss with others in small groups in the LT. As much as I like having physical lectures, the compulsory in-lecture activities make me prefer to attend lectures online #justbeinghonest
workload a little bit high...
The coding part of the first assignment was too heavy. There were too many ambiguities in the assignment that were not addressed properly in the forums. Even though there was an updated version of the assignment and an extension, it came very late and thus there was still not enough time to complete the assignment. The lecture participation activities were quite useless and redundant.
Assignments can be really heavy and time consuming. The marking criteria are also flaky.
The project and assignment setup need to be adjusted with clearer instructions
2nd part of this module talks mostly theory instead of real usage in code examples. And the tutorial covers no code questions.
The workload is high