🏠 **Course** / **UNIT 5** / **Lecture 12 - Machine Learning**

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Exercise 2

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Lecture Sequence due Dec 15, 2022 07:30 +08   Completed

Exercise 2

1/1 point (graded)

For the following question, check the boxes that correspond to the rules that we may be able to learn. Consider the following set of 6 emails, which classify the email as spam or not. Which of the following rules might we learn? Check all that apply.

Spam or Not Spam?	Spam	Spam	Spam	Not spam	Not spam	Not spam
Words in Email	4	4	30	35	50	10
Flagged Words	CASH, BUY, password	cash, free, rolex	cash free, call	only, cancel, sign	free, check, weight	quote, cheap, website

- ☑ Emails containing both flagged words "cash" and "free" are marked "spam".

- ☐ Emails without the flagged word "free" are marked "not spam".

- ☐ Emails with an even number of words are marked "spam".

- ☐ Emails with less than 31 words are marked "spam".

- ☑ Emails containing at least one flagged word in all capital letters are marked "spam".

✓

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Exercise 2

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? I don't understand the logic behind the first option being true   2
  Why would the first option be true if the first datacolumn of the table contains an email classified as spam and it does not contain bo...

💬 why 'at least'?   2
  Hi everyone, I am not understanding well the last option. If the emails have at least a flag word all in capital letter are spam, but from ...

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