

The NLP model I would use for sorting which folder an email should be sent to is text classification. This is because it will sort emails into predefined categories, and then we can organise the inbox, spam, and work folders so emails go to the folders we want more efficiently.

The NLP mode I would help a university professor, with marking work is Question answering. This is because they are text-based systems available and getting improved regularly.

The NLP modes that would help doctors assess patients are Data mining research, speech recognition, and Clinical trial matching. I picked data mining because this will allow organizations to reduce the levels of subjectivity in decision-making and also provide useful medical knowledge. Once data mining is started it can help create a decent business strategy to deliver better care to the patients under the care of the doctor. Speech recognition would be useful as it would doctors to transcribe notes into data entry, it also eliminates the task of doctors to dictate notes, while back-end tech will detect and correct any errors in the transcript and pass it back to the human to read, NLP used in clinical trial matching, helps doctors and healthcare, in general, recognise patients for certain clinical trials.