

### Task 1

a. A model that allocates which mail folder an email should be sent to (work, friends, promotions, important), like Gmail's inbox tabs.

This first point is falling under the category of TEXT CLASSIFICATION

b. A model that helps decide what grade to award to an essay question. This can be used by a university professor who grades a lot of classes or essay competitions.

I think here we can have more NLP categories, depending on the essay type such as:

INFORMATION EXTRACTIONS

QUESTION ANSWERING

c. A model that provides assistive technology for doctors to provide their diagnosis.

Remember, doctors ask questions, so the model will use the patients' answers to provide probable diagnosis for the doctor to weigh and make decisions

The last point is categorised under NLP INFORMATION EXTRACTION.