

Capstone Project NLP.

A. The model that would work best to allocate which mail folder an email should be sent to dedicated mail folders/categories is Text classification.

You would be able to assign predefined categories (inbox, spam, promotions, family) and have keywords to determine which category the email would be assigned to.

B. The model that would work best with helping to grade multiple essays whether it be for essay competitions or a vast amount of essays due to the professor teaching multiple classes is automatic summarisation.

The professor would be able to condense the essays to show the vital/required information within the essays to grade them appropriately.

C. The model that would work best with providing assistive technology for doctors to provide their diagnosis would be question answering.

A model similar to Siri or Alexa dedicated to medical diagnosis where it would be given information on medical conditions, being able to make decisions based on the patient's symptoms, scanning the medical database then providing that information back to the doctor which a potential diagnosis for the doctor to then make a decision based on the feedback they received.