We also fine-tune other BERT variants for this task. Problems in other student feedback annotation schemes [4,5]

Ambiguity exists between aspect categories because some aspects are closely related to each other.

Only focus on lecturers’ aspects but there are other aspects that are significant to the education domain.

Release of the dataset

The annotated dataset is publicly released on Hugging Face for the use of future research.

We train a BERT model to classify student feedback as positive, neutral, or negative, based on the overall polarity of the document.

We use 3 baselines as TOWE, ALSA, and DLSA to ensure the reliability of the training.

The task of the ALSA [2] model is to predict the sentiment polarity expressed from the opinion words, towards the aspect categories because some aspects are closely related to each other.

We use 3 baselines as TOWE, ALSA, and DLSA to ensure the reliability of the dataset.

For ALSA, a RoBERTa model was used with an NLP layer to induce trees using perturbed masking. A BERT model was used for the DLSA task and compared with the other BERT variants(XLNet, RoBERTa, ALBERT).

An annotation scheme for the student feedback domain was created and compared with the other BERT variants(XLNet, RoBERTa, ALBERT).

The task of the Target Oriented Word Extraction (TOWE) model is to extract opinion words towards underlined aspect words [1].

The task of the DLSA [3] is to determine the overall opinion of the feedback.

We use 3 baselines as TOWE, ALSA, and DLSA to ensure the reliability of the dataset.

For ALSA, a RoBERTa model was used with an NLP layer to induce trees using perturbed masking. A BERT model was used for the DLSA task and compared with the other BERT variants(XLNet, RoBERTa, ALBERT).

An annotation scheme for the student feedback domain was created and the annotated dataset will be publicly released.

This paper discusses about creating a student feedback corpus that can be used in NLP tasks such as:

• Aspect Extraction,
• Opinion Extraction,
• Opinion Pair Extraction and Target Oriented Opinion Word Extraction etc.

This diagram shows the hierarchical structure of the defined aspect categories.

The object of the DLSA [3] is to determine the overall opinion of the document.

The dataset includes 3000 feedback from 2 sources:

• 1,621 from ratemyprofessor.com
• 1,379 from university student feedback

Dataset content

There are other aspects that are closely related to each other.

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