**Label Validation**

**Phase I**: Python

The initial phase involves validating labels in Python for the file "tweets-labels.csv," which contains both labels and content. The process utilizes the lexicon file "hate-lexicon.cvs." For each content entry in "tweets-labels.csv," the label is assessed based on the lexicon file.

* Neutral Label: Validated if no words or sentences in the content match those in the lexicon file.
* Harassment Label: Validated if any words or sentences in the content correspond to entries in the lexicon file.

Labels that are not validated in this phase will undergo validation in Phase II.

**Phase II**:

Python or Node.js Label Validation

The second phase involves further label validation using Sentiment Analysis models. This phase aims to identify errors, particularly instances where a sentence exhibits harassing behavior without containing specific harassing terms in the content.