

Task 4 (2 points)

(a) Searching for synonyms in the general (English) lexicon:

In such a scenario there is no clear meaning regarding the context, and we might end up with a wrong synonym from the general (English) lexicon.

(b) The construction of suggestions for the modeler:

The modeler will build the phrases based on these ambiguities and the phrases won't be valid.

(c) An idea how this problem could be counteracted.

- We can use semantic web techniques like OWL and RDF to map the context of each word.
- Machine Learning algorithms can be useful in classifying 'check' as either a noun or verb.