Knowledge Graph (KG) is a new method to represent a knowledge in a graph form. In KG, a word is represented by a word graph. The structure of the word graph describes the semantic aspect of the word. Previous researches on KG have resulted in the construction of word graphs of nouns, adjectives, verbs, prepositions, adverbs, and phrases. However, none of them has investigated the construction word graph of adverb phrases. Therefore, this research intends to analyze the structure of an adverb phrase and to construct its word graph. In this research, the meaning of an adverb phrase is analyzed and classified into one of the eight existing categories. The next step is to analyze the word graph pattern of the phrases such that, the phrases having similar pattern are to be grouped together. The results show that there are 7 word graph patterns for adverb phrase.

Keyword: adverb phrase, graph, knowledge graph, word graph