JAHANGIR ALAM NISHAN

Importance, use case (Potential Commercial viewpoint, Industrial Viewpoint), Why does the prediction need to be accurate as possible?)

There are currently at least 114 million English research articles online, according to a recent estimate (Khabsa et al. 2014). Studies show that every 10 to 15 years, the quantity of academic papers doubles (Larsen et al. 2010). The difficulty of precisely identifying relevant research papers rises with the expansion of scholarly publications, especially when articles from many subject categories (SCs) are mixed together in a search engine's database. The results of a web search for a certain subject can provide thousands of papers on that subject. For example, a Google Scholar search for "NLP for text classifications" returns 60,300 relevant findings. As a result, it is quite difficult for readers to identify the necessary and targeted information they want. Additionally, this frequently occurs when the same search phrases are used across other research fields. For instance, Google Scholar's "neuron" search returns articles from both computer science and neuroscience(Kandimalla et al. 2021). When the search phrases contain acronyms, the search results may also come from many domains. In the case of "SNA," which stands for "Social Network Analysis," and "Systems Network Architecture," respectively, a search for "SNA" produces results both in the social sciences and computer sciences. Therefore, it is crucial to choose the appropriate keywords for particular papers so that readers may quickly identify the content they're looking for. Finding more readers for a research paper requires choosing the right keywords. A mechanism that allows writers to submit the abstracts of their publications in order to locate appropriate and related keywords should be put into place. More readers will therefore discover their renowned articles. For this reason, the journal committee should adopt a deep learning model that will assist the authors in locating appropriate keywords for their work, which will draw readers and enhance the journal's recognition.