World Academy of Science, Engineering and Technology International Journal of Computer and Information Engineering Vol:17, No:06, 2023

Leveraging Unannotated Data to Improve Question Answering for French Contract Analysis

Authors: Touila Ahmed, Elie Louis, Hamza Gharbi

Abstract : State of the art question answering models have recently shown impressive performance especially in a zero-shot setting. This approach is particularly useful when confronted with a highly diverse domain such as the legal field, in which it is increasingly difficult to have a dataset covering every notion and concept. In this work, we propose a flexible generative question answering approach to contract analysis as well as a weakly supervised procedure to leverage unannotated data and boost our models' performance in general, and their zero-shot performance in particular.

Keywords: question answering, contract analysis, zero-shot, natural language processing, generative models, self-supervision

Conference Title: ICNLPU 2023: International Conference on Natural Language Processing and Understanding

Conference Location : Barcelona, Spain Conference Dates : June 19-20, 2023