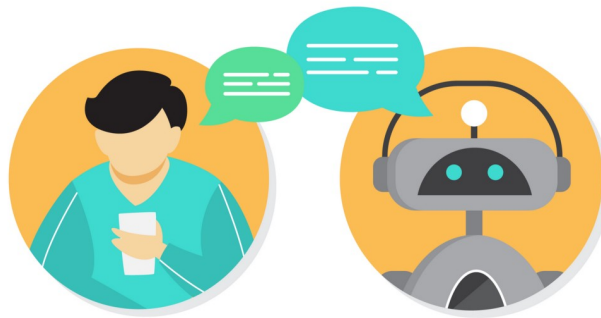




Improving Multi-hop Question Answering with Noisy Label Training

Recent development in deep learning models has magnificently raised our ability to perform reasoning and inference over natural language. Among all the fields in natural language processing, we focus on question answering tasks (QA), which provides a quantifiable and objective way to test the reasoning ability of intelligent systems. Although many state-of-the-art models has reached great performance

on QA of specific tasks and knowledge bases, many QA tasks remain a challenge. Our research interest lies in multi-hop reasoning, where QA systems need to extract information from multiple supporting documents rather than one.



Inspired by recent developments of Noisy label training in the field of computer vision (CV), we hope to improve the performance of the current two-hop question answering models by leveraging state-of-the-art techniques.

Requirements: Strong motivation, knowledge in deep learning, or a solid background in machine learning. Experience with PyTorch is an advantage. We will have weekly meetings to address questions, discuss progress and think about future ideas.

Interested? Please contact us for more details!

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