Dynamic Memory Network On Natural Language Question Answering

Most tasks in natural language processing can be cast into question answering (QA) problems over language input. We introduce the dynamic memory network (DMN), a neural-network architecture which processes input sequences and questions, forms episodic memories, and generates relevant answers. As this is an AI-based system, it is able to answer questions that involve complex reasoning.

Dynamic Memory Networks (DMN) - GitHub

Dynamic Memory Networks (PyTorch) - GitHub

Dynamic Memory Networks for Visual and Textual Question Answering (QA). It is composed of modules that allow different aspects such as visual representations or memory components to be analyzed and improved independently. The modules, depicted in Fig. 1, are as follows: InputModule: This module processes the input data about

Deep recurrent neural network reveals a hierarchy of deep neural representations...