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(57) Abstract :
 ABSTRACT Natural language processing (NLP), object detection, and computer vision have all advanced significantly in recent years. NLP is used by artificial intelligence (AI) systems, including question-answering models, to give them a "comprehensive" capability. A system like this may respond to natural language inquiries concerning any section of an unstructured text. An expansion of this system combines natural language processing (NLP) with computer vision to fulfill the objective of Visual Question Answering (VQA), which is to develop a system that can respond to questions in natural language concerning images. Many systems that make use of learning algorithms and deep-learning architectures have been proposed for VQA. Multi-modal inputs must be processed in the novel problem domain of Visual Question Answering (VQA).

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