

Abstract

A Natural Language Video Analytics System and a Method of Processing One or More Natural Language Video Analytics Commands

An aspect of the present disclosure provides a natural language video analytics system. The system includes at least one processor and at least one memory including computer program code. The at least one processor, at least one memory and the computer program code are configured to allow the system to receive one or more natural language video analytics commands associated with video data, determine a validity of the one or more natural language commands using a trained neural network, in response to a positive determination of the validity of the one or more natural language commands, generate machine-readable video analytics instructions based on the one or more natural language commands using the trained neural network, and transmit the machine-readable video analytics instructions to a display module, the display module configured to update an output display based on the machine-readable video analytics instructions.

Fig. 2