ABSTRACT

DATA PROCESSING METHOD AND APPARATUS

This application provides a data processing method and an apparatus. This application relates to the field of artificial intelligence, and specifically, to the field of computer vision. The method includes: adding an architecture parameter to each feature interaction item in a first model, to obtain a second model, where the first model is an FM-based model, and the architecture parameter represents importance of a corresponding feature interaction item; performing optimization on architecture parameters in the second model, to obtain the optimized architecture parameters; obtaining, based on the optimized architecture parameters and the first model or the second model, a third model through feature interaction item deletion. Feature interaction item selection can be performed through optimization on the architecture parameters, and training for a plurality of candidate subsets in a conventional technology is not required. Therefore, this can effectively reduce a computing workload of feature interaction selection to save computing power, and improve efficiency of feature interaction selection.

Figure 3