

Methods, apparatuses, devices, and computer program products for recommendation

ABSTRACT

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Examples of the present disclosure relate to methods, apparatuses, devices, and computer program products for recommendation. The method comprises obtaining a knowledge graph comprising a plurality of user nodes and a plurality of object nodes. The method further comprises generating one or more sub-graphs based on the
10 knowledge graph, wherein the sub-graph comprises a user node corresponding to the first user and related object nodes among a plurality of user nodes. In addition, the method further comprises determining a recommendation result for the first user based on the one or more sub-graphs and the plurality of object nodes. The solution provided by the examples of the present disclosure enables the generation of sub-graphs
15 representing the recommendation explanation when generating recommendation results, which not only improves the effectiveness of the recommendation, but also enhances the transparency and interpretability of the recommendation system, allowing users to better understand and accept the recommendation results and thereby improving the user experience of the recommendation system.

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FIG. 1