

LARGE LANGUAGE MODEL-BASED KNOWLEDGE MINING METHOD AND APPARATUS

ABSTRACT

Embodiments of this specification provide a large language model-based knowledge mining
5 method and apparatus. In the large language model-based knowledge mining method, structural
knowledge for a source entity is obtained based on a predetermined entity graph; a candidate
relation set is determined based on a target property of the source entity in the predetermined entity
graph; a corresponding target relation set and inheritable knowledge are output by using a large
language model and based on the structural knowledge, the candidate relation set, and additional
10 knowledge for the source entity; a candidate entity word set corresponding to the provided relation
is output by using the large language model and based on the source entity, the relation in the target
relation set, and at least one of the structural knowledge, the additional knowledge, and the
inheritable knowledge; and then an entity related to the source entity and a corresponding relation
are obtained.

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(FIG. 2)