

METHOD AND APPARATUS FOR GENERATING PROMPT DATA BASED ON KNOWLEDGE GRAPH

ABSTRACT

Embodiments of this specification provide a method and an apparatus for generating a prompt
5 based on a knowledge graph. In the method, a reasoning rule and an instance subgraph that match
each other can be obtained in a plurality of manners. The instance subgraph is from the knowledge
graph, and the knowledge graph includes privacy data. The reasoning rule includes a reasoning
condition and a reasoning result. A question and answer template is constructed based on the
reasoning rule. The question and answer template includes a question template and an answer
10 template, and the answer template includes a cause template and a result template. The question
template and the result template are obtained by performing text conversion on the reasoning result
in the reasoning rule, and the cause template is obtained by performing text conversion on the
reasoning condition in the reasoning rule. A target text can be generated based on a combination
of the question and answer template and the instance subgraph. The target text includes a question
15 text and an answer text, and the answer text includes a cause text and a result text. The target text
is used as a prompt to adjust a language model.

(Fig. 1)