

Method And Apparatus For Generating Prompt Based On Knowledge

说明书摘要

5 本说明书实施例提供了一种基于知识图谱生成提示数据的方法及装置。在该方法中，可以通过多种方式获取相互匹配的推理规则和实例子图，实例子图来自知识图谱，知识图谱中包含隐私数据。推理规则包括推理条件和推理结果。基于该推理规则构建问答模板，问答模板包括问题模板和答案模板，答案模板包括原因模板和结果模板。问题模板和结果模板通过对推理规则中的推理结果进行文本转换得到，原因模板通过对推理规则中的推理
10 条件进行文本转换得到。基于问答模板和实例子图的结合可以生成目标文本，该目标文本则包括问题文本和答案文本，答案文本包括原因文本和结果文本。该目标文本作为提示数据可以用于调整语言模型。

Embodiments of this specification provide a method and an apparatus for generating a prompt based on a knowledge graph. In the method, a reasoning rule and an instance
15 subgraph that match each other can be obtained in a plurality of manners. The instance subgraph is from a 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 template, and the answer template
20 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
25 includes a question 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)