Patent Search

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Abstract:

DEEP LEARNING BASED MODELS FOR DIGITAL MANAGEMENT AND OPTIMIZATION OF TOURISM INFORMATION RESOURCES A method for the development of the sys procedures, and non-transitory computer readable media described in this disclosure are used to create dialogue responses using an independent gate context-depe additive recurrent neural network in response to received utterances. The invention realizes the tourism recommendation method based on the collaborative memo and achieves the goal of high accuracy and high personalized tourism recommendation by simultaneously taking into account the local neighborhood structure infor the user and the local neighborhood structure information of the scenic locations and fusing with the collaborative filtering method of the hidden factor model. The r effectively supplement the condition that the matching result of the dictionary is lost by using the generalization prediction capability of the model aiming at the rang cannot be covered by the dictionary. It can optimize the matching result of the entity dictionary according to the matching similarity of the tourism entity nouns. An e of the present invention includes a recommendation method, a computing device for executing the method, one or more processors, and a memory for storing one programmed run by the one or more processors. FIG.1

Complete Specification

Description: DEEP LEARNING BASED MODELS FOR DIGITAL MANAGEMENT AND OPTIMIZATION OF TOURISM INFORMATION RESOURCES

Technical Field

[0001] The embodiments herein generally relate to a method for deep learning-based models for digital management and optimization of tourism information re

Description of the Related Art

[0002] Conventional digital dialogue systems that can make use of rule-based or feature-based dialogue generation approaches have been developed in an effort enhance the conversation's flow and the caliber of the dialogue. The conventional deep learning-based travel recommendation approach primarily makes use of a collaborative filtering technique based on a hidden factor model to build a deep learning framework and carry out the suggestion. In order to accurately satisfy the expectations, dictionary type structured recall is used, retrieval is limited to the text domain associated with the scenic spot name, and only the associated scenic lo are recalled. A navigation system, sometimes known as an automatic navigation system, is a device that records the location of a moving vehicle or other form of transportation, shows that location precisely on a road map, and directs a route to a destination. An interest point recommendation is produced using techniques li collaborative filtering and a probability map model in a typical travel recommendation method, which mostly relies on previous behavior data to determine a touris behavior sequence. The current system and approach for recommending travel routes often have the following flaws: First off, the estimated travel preferences of v are based on visitors who exhibit similar behaviors; therefore, the suggested travel route cannot adequately accommodate the visitors' unique needs. Hotels are a significant part of a multi-day tour route but are of relatively little interest to the existing customized tour routing systems. A fundamental task in the current image identification sector and the intelligent tourism industry is the scenic location image identification with more complete relevance, higher speed, and lower cost

View Application Status