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Patent Search

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Abstract:

The present invention discloses a system and method for encrypting emoticon communications using AI and ML. The present invention provides a method for categorizing emotions based on the combination of emoticons and short text by using artificial intelligence. Emoticons and brief text are converted into vectors, and then the relevant vector and emoticon vector are coupled in turn to generate a sentencin matrix. A machine learning network classification model receives the sentence matrix as input. Findings show that the strategy increases analysis accuracy when compared to the existing methods. Further, the goal of the present invention is to increase the precision with which sentiment elements in brief messages with emoticons, like emojis, are identified. Based on this objective, the rich emoticons and brief texts and artificially detected sentiment patterns are then employed as a data source for further analysis. Accompanied drawings [FIG. 1-2]

Complete Specification

Description:[001] The present disclosure relates, in general, to artificial intelligence and machine learning technique, and more particularly, to a method for encrypting emoticon communications using AI and ML.

Background of the invention

[002] The ongoing development of artificial intelligence (AI) against the backdrop of big data has fundamentally altered how people live and work today. People are moving away from reading data on paper to reading more intelligent multimedia real-time image texts. However, real-time data on the open Internet is a double-edged sword that affects people's job and personal lives while also providing them with vital information.

[003] For instance, privacy breaches frequently result in fraud cases, or the homeowner is regularly bothered by the intermediate telephone. Therefore, to protect security of personal data and prevent the leakage of user privacy to other parties, personal information encryption for users has become the focus of many academic related domains.

[004] Additionally, the user can opt to encrypt the data and send the encrypted copy of the data to the cloud server for storage in order to guarantee the protection of personal data. However, after users upload the picture text to the cloud server, common tasks in the plaintext field—like looking for a certain file—become more challenging.

[005] After the user downloads all encrypted files from the cloud server locally and converts them to plaintext, the most straightforward and natural method is to return to the file. The enormous amount of redundant data will, however, result in excessive network and storage expenditures during the method's execution.

[006] As massive amounts of data are encrypted and decrypted, a significant computational strain will develop. Further reducing its viability is the limitation of not

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