

CLAIMS

1. A computer system for presenting a semi-structured topic that can be inputted by a user without many constraints, semi-structured or structured characteristics and an attribution of the topic to a plurality of users via a predetermined network, comprising:

a memory configure to store a plurality of semi-structured data entries, each semi-structured data entry providing with a predetermined topic and a topic data field; and

a processor configure to select a subset of the semi-structured data entries based on a topic of the semi-structured data entries, select, from the subset, at least one of a semi-structured data field related to the topic and the topic data field, and apply a data interpretative algorithm to determine similarities in data to the topic and the characteristics of the selected semi-structured data fields to determine the attribution of the topic.

2. The computer system of claim 1, wherein the topic, the characteristics and the attribution of the topic correspond to a recipe title, ingredients and country cuisine, respectively.

3. The system of claim 1, wherein the data interpretative algorithm comprises at least one of a hybrid Maximum Entropy and LDA model and a term frequency-inverse document frequency and a cosine similarity analysis.

4. The computer system of claim 1, wherein the selected subset of

semi-structured data entry is a training data, and

the processor combines updated training data with the previous training data, and repeats a determination of the topic and the characteristics and the application of the data interpretative algorithm.

5. The computer system of claim 1, wherein the processor selects the subset of the semi-structured data entries based on a cosine similarity to a LDA centroid of the topic of the semi-structured data entries.

6. A method for presenting a semi-structured topic that can be inputted by a user without many constraints, semi-structured or structured characteristics and an attribution of the topic to a plurality of users via a predetermined network, comprising:

a first step of storing, in a memory, a plurality of semi-structured data entries, each semi-structured data entry providing with a predetermined topic and a topic data field;

a second step of selecting, with a processor, a subset of the semi-structured data entries based on a topic of the semi-structured data entries;

a third step of selecting, with the processor, from the subset, at least one of a semi-structured data field related to the topic and the topic data field; and

a fourth step of applying, with the processor, a data interpretative algorithm for determining similarities in data to the topic and the characteristics of the selected semi-structured data fields to

determine the attribution of the topic.

7. The method of claim 6, wherein the topic, the characteristics and the attribution of the topic correspond to a recipe title, ingredients and country cuisine, respectively.

8. The method of claim 6, wherein the data interpretative algorithm comprises at least one of a hybrid Maximum Entropy and LDA model and a term frequency–inverse document frequency and a cosine similarity analysis.

9. The method of claim 6, wherein the selected subset of semi-structured data entry is a training data, and

the method further comprises:

combining updated training data with the previous training data, and repeating a determination of the topic and the characteristics and the application of the data interpretative algorithm.

10. The method of claim 6, wherein, in the second step, the processor selects the subset of the semi-structured data entries based on a cosine similarity to a LDA centroid of the topic of the semi-structured data entries.