PROPOSING THE MEDIA OF BOTNET IN HANDLING FOOD INTELLIGENCE

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Abstract -The paper focuses on handling the food intelligence by implementing Botnet of Things. Botnet of Things is totally a new technology in the field of computer science. Internet of Things can also find its application in Botnet of Things. A botnet is basically a virus which is generated between interconnected systems to perform the automated tasks which are often ignored by the end user. Its significance can easily be felt in the field of cyber security. Food intelligence is basically the implementation of AI algorithms in computation of the nutritive value of the food which can further be implemented for calculating the health of the respective person. The automation of Botnet and Food Technology will be implemented.
Keywords - Botnets, Artificial Intelligence, Food Technology, Nutrition

1. INTRODUCTION

Botnets are the network of the computer systems which are controlled without the user's knowledge. It performs the automated tasks like deletion of files, keylogging etc. One of the powerful tools of hackers to perform their task.

Artificial Intelligence is implemented using machine learning algorithms which are mostly implemented practically by python programming language. In machine learning algorithms the preparation of the datasets takes place which is the part of the data science. In several instances the training algorithms for neural networks takes place as the training of the brain takes place.

Food Technology is one of the important aspects in Biological Technology. In this aspect we study various aspects such as the nutritive values of the food depending on which we decide which will be sufficient for eating and which would affect the general threshold of the food.

2. LITERATURE REVIEW

Botnets of Things is the latest scenario which was proposed in the year 2017. The term was firstly used in the dark market by hackers to perform automated tasks. Botnets are very useful to gather information like card details of the user, do phishing frauds etc. Its significance was already felt by the US government in the year 2009.

Artificial Intelligence was introduced in the mid 1300 BCE which was at a very raw stage. The learning capability of machines.

Machine learning algorithms came into existence in the field of computer science around 2010. Now a wide range of algorithms have been developed in the field of same to performed automated tasks.

Intelligence in food is a concept that is proposed recently and it can definitely be proved as a bottleneck in the field of technology. We never had thought about the concept that intelligence can also be inculcated in the food technology.

3. PROPOSED METHOD

The calculation of the mood swings of the person and the suggestion of the appropriate food item can be given to the person who will use the system. We will prepare the dataset in accordance with the inputs given by the user. The inputs given by the user will help them to get the best food that would be proved healthy for the person. The automated BOTNETS with perform the task at the backend by calculating the threshold values of the function. The inputs will be cholesterol value, blood pressure, diabetic, haemoglobin values etc.

The datasets with the different types of food items will also be developed with the detailing of each and every aspect that beholds food technology.

The machine learning algorithms can then be implemented in order to get the automated results.

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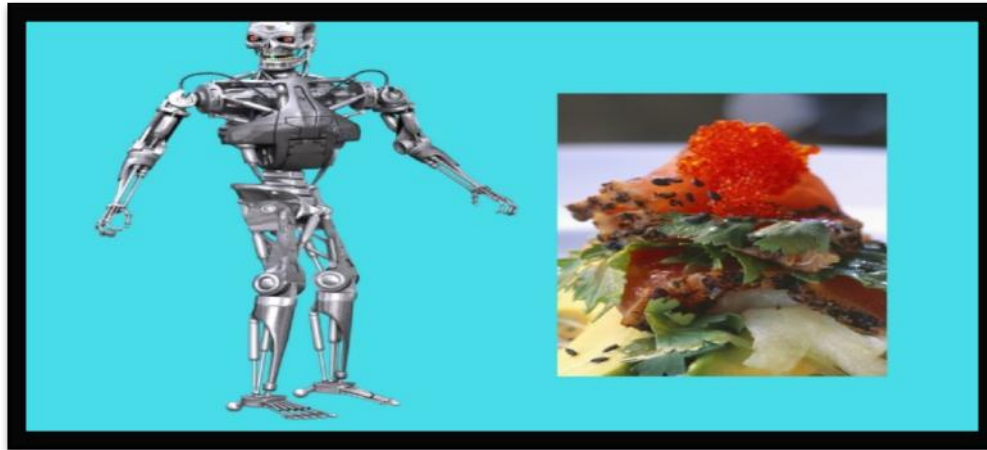
Figure 1. Botnets in Food

Figure 2. Learning Process as that of brain

4. PRACTICAL IMPLEMENTATION OF DATASET(PYTHON LANGUAGE)

```
>>>reload(recommendations)
>>>itemsim=recommendations.calculateSimilarItems(recommendations.critics)
>>>itemsim
{'USER 1': [(0.40, 'Happy'), (5.0, 'Sad'),...
'USER 2': [(4.3, 'Angry'), (0.32, 'Dreamer'),...
Etc.
}
```

5. RESULT
The neural networks were trained using the machine learning algorithms in which the datasets were prepared by using the food items, mood swings, thresholds of various items.

The best approximation result was shown to the user who used the technology depending upon the data values and the input given.

Scenario
Mood: Happy
Time: Evening
Cholesterol value: 60
Blood Pressure: 100
Output: Rice

6. CONCLUSION
The various aspects of Artificial Intelligence is seen in food technology.

Machine Learning algorithms are implemented by the help of data science.The health related issue is solved in the terms of food approximation.The technique used by hackers is used in a positive approach.

7. FUTURE WORK

Hardware: It would be a great success if these systems will be implemented on hardware systems.Edible Electronics: The enhancement in the field with food technology can be proved a bottleneck.

8. REFERENCES

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