

BEHAVIOUR ANALYTIC

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Abstract- With a highly saturated and competitive market in fast –food industry, restaurant operators ought to be more selective in running their business strategies. Currently, in every restaurant they give us the suggestion or review cards to be filled up. Those review written also be faked and cannot be trusted up to the mark. So, in our project we will be using the smart cameras which can detect the facial expressions of the customers having food and based on their facial expression the ratings will be given as Good, Bad, or Excellent. Deep learning based facial expression recognition approach using deep networks enabling “end-to-end” learning are then presented. This review also focuses on an up-to data deep learning approach combining a Convolution Neural Network (CNN) for the spatial features of an individual frame. This review can serve as a guidebook to the other customers which gives us the genuine opinion about the quality of the food . and it is also useful for the producers or the owners of the restaurant so, that they get to know the customers review on their food.

Keywords- Behaviour analytic, face detection and review system.

I. INTRODUCTION

With a highly saturated and competitive market in fast –food industry, restaurant operators ought to be more selective in running their business strategies. Currently, in every restaurant they give us the suggestion or review cards to be filled up. Those review written also be faked and cannot be trusted up to the mark. So, in our project we will be using the smart cameras which can detect the facial expressions of the customers having food and based on their facial expression the ratings will be given as Good, Bad, or Excellent. Deep learning based facial expression recognition approach using deep networks enabling “end-to-end” learning are then presented. This review also focuses on an up-to data deep learning approach combining a Convolution Neural Network (CNN) for the spatial features of an individual frame. This review can serve as a guidebook to the other customers which gives us the genuine opinion about the quality of the food . and it is also useful for the producers or the owners of the restaurant so, that they get to know the customers review on their food.

Our main aim is that to get proper review about food taste .System review is that we would like to make the review

or rating process while people have their food by their Face Expression using camera. This technology will enable customers shall get the right opinion about taste of food.

II. LITERATURE REVIEW

Cameras are used for detecting of face expression about food taste and increasing fake review and rating . Our system involve artificial intelligence, which can detect facial expression of customers while having food. Artificial intelligence, sometime called machine intelligence is intelligence demonstrated by machines, displayed by humans and other animals the field was founded on the claim that human intelligence can be so precisely described that a machine can be made to simulate it. We analyzed some of the data from online sources to accomplish our project goal. Deep learning based facial expression recognition approach using deep networks enabling “end- to-end” learning are then presented. This review also focuses on an up-to data deep learning approach combining a Convolution Neural Network (CNN) for the spatial features of an individual frame. This review can serve as a guidebook to the other customers which gives us the genuine opinion about the quality of the food and it is also useful for the producers or the owners of the restaurant so, that they get to know the customers review on their food.

III. WRITE DOWN YOUR STUDIES AND FINDINGS

Sometime many food company fill up the review and rating form about taste themselves because they have to represent their food quality ,so people see this review or rating and visit So customers review and rating process about the taste of food to define Food quality so we are going to solve the problem using project So, in this system, we detect the face expression of customers when they having food , there upon another customers shall get right opinion about taste of food and also very helpful for them.

Our system is quite easy to use and can be used for many food chains. It provides features such as face detection , image processing, data analysis, video analytic, business intelligence, notification module . It also provides the review and rating system process while people have their food by face

expression by using camera so customer shall get right opinion about taste Of food. It's very helpful for customer and used in many food chains.

IV.COCLUSION

Behavior analytics ensure face expression images are continuously analyzed while any customer have their food to things that need attention. Our aim will be on delivering the right review or ratings about food taste in case of an purchasing or getting the correct reviews before visiting , as it done by face detection using by camera. Behavior analytic and face detection system for enterprises and corporates is a smart solution with preventive security that issues about taste of food , thus enabling you to take right reviews or ratings about taste of food

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