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Patent Search

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nvention Title	An Advance Customer segmentation using machine learning based Approach	

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Abstract:

[1] Our Invention "An Advance Customer segmentation using machine learning based Approach" has been claimed. Nowadays Customer segmentati method for dividing company's customers for retaining customers and making profit out of them, in the following study customers of different of or the basis of their behavioral characteristics such as spending and income, by taking behavioral aspects into consideration makes these methods an others. For this classification a machine algorithm named as kmeans clustering algorithm is used and based on the behavioral characteristic's custor clusters help the company to target individual customer and advertise the content to them through marketing campaign and social media sites whice Furthermore, the ability of any business to understand the needs of each of its customers will provide greater customer support in providing targete developing customized customer service plans. This understanding is possible through structured customer service. Each segment has customers we features. Big data ideas and machine learning have promoted greater acceptance of automated customer segmentation approaches in favor of trad often do not work when the customer base is very large. In this paper, the k-means clustering algorithm is used for this purpose. The Sklearn liabrary Means algorithm (found in the Appendix) and the program is trained using a 100-pattern two-factor dataset derived from the retail trade. Characteric customer purchases and average number of monthly customer

Complete Specification

Description:FIELD OF THE INVENTION

[2] Our Invention is related to an advance customer segmentation using machine learning based Approach.

BACKGROUND OF THE INVENTION

[2] Today many of the businesses are going online and, in this case, online marketing is becoming essential to hold customers, but during this, consame and targeting all of them with similar marketing strategy is not very efficient way rather it's also annoys the customers by neglecting his or houstomer segmentation is becoming very popular and also became the efficient solution for this existing problem.

[3] Customer segmentation is defined as dividing company's customers on the basis of demographic (age, gender, marital status) and behavioral (ordered_annual income) aspects. Since demographic characteristics does not_emphasize on individuality of customer because same age groups m

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TITLE OF INVENTION	An Advance Customer segmentation using machine learning based Approach
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