Abstract

Fonzu Premium restaurant management has had difficulty in knowing the which menus are most in demand by consumers and still uses manual methods, and sometimes customers can not order the desired order. Because some of the menus on the menu list are up or some raw material supplies are not available. Apriori algorithm is one algorithm that searches frequent itemset by using the association rule technique. Based on the results of implementing the association rule method using a priori algorithm to find the linkages between the level of sales menu Fonzu Premium ordered at restaurants. With this association rule, it is expected to help the managerial parties to find out the which menus are most in demand by consumers, so a system can be used which can be used as a prediction system using data mining association rule Apriori algorithm using.

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**Index Terms**

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