

ABSTRACT

**APPLICATION OF THE MARKET BASKET METHOD USING
HASH-BASED ALGORITHM TO PRODUCT SALES DATA
AT REMAJA KAMPUS MINIMARKET BENGKULU**

By:

Afrio Royzen¹
Jusuf Wahyudi²
Eko Suryana²

Remaja Kampus Minimarket Bengkulu is a type of business in the field of selling daily necessities. For decision making in determining the amount of product inventory that can be adjusted to market demand, Remaja Kampus Minimarket Bengkulu does not yet use a system and is still calculated manually. Therefore, this research was carried out with the aim of implementing Hash-Based method in grouping sales data at Remaja Kampus Minimarket Bengkulu. Thus, you can easily determine and classify high product sales. System implementation uses the PHP programming language and MySQL database and the method used in this research is the waterfall method. After carrying out Hash-Based process Remaja Kampus Minimarket Bengkulu with data testing, the highest product sales levels were obtained at Remaja Kampus Minimarket Bengkulu. This can be used as a reference by Remaja Kampus Minimarket Bengkulu for product supplies for the following month.

Keywords: *Data Mining, Hash-Based, Remaja Kampus Minimarket Bengkulu.*

1: *Student*

2: *Supervisors*

