

# Mining Association Rules for Construction Accessories Shop

**Lwin Po Po Thein, Kyi Zar Nyut**

Computer University (Taung-Ngu)

[feboctoneface.sk1210@gmail.com](mailto:feboctoneface.sk1210@gmail.com)

[kyizarnyunt11@gmail.com](mailto:kyizarnyunt11@gmail.com)

## **Abstract**

*In data mining, association rule learning is a popular and well researched method for discovering interesting relations between variables in large databases. Association rules describe events that tend to occur together. Association rules are “if-then rules” with two measures which quantify the support and confidence of the rule for a given data set. This paper describes which products tend to be purchased together at the construction accessories shop. The proposed system has a large database of customer transaction. Each transaction consists of items purchased by a customer in a visit. In this paper, the system presents results of applying the apriori algorithm which is the standard algorithm to mine association rules for sales data of the construction.*