



การพยากรณ์ปริมาณการใช้บัตรเครดิตเพื่อการใช้จ่าย
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Forecasting the Amount of Credit Card's Payments
Using Time Series Data Mining Techniques

โดย

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Abstract

The purposes of this research were to develop the model of forecasting amount of credit card's payments using the time series data mining techniques by 3 methods, as follows; 1) Linear Regression, 2) Multi-Layer Perceptron and 3) Support Vector Machine for Regression. The data for study was the amount of credit card' payments from January, 2010 to June, 2016. (A total was 78 months)

The result can concluded that the suitable model for forecasting credit card's payments using of all series test for the linear regression forecasting was the most suitable at 6.01% MMRE.

Keywords: Forecasting, Amount of Credit Card's Payments, Time Series Analysis, Data Mining techniques