

<b>Project Title</b>	Web Application Forecasting For Foreign Exchange Market		
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### Abstract

This research aims to develop a model to predict the Dollar fluctuations for business investment and national economic development. The Times Series Analysis with three data mining techniques; K-nearest Neighbors, Decision Tree and Artificial Neural Network are used in this study. The foreign currency exchange rates of USD THB CHF and JPY between 2010 – 2018 in total 108 months are collected. The best fit model to predict the foreign currency exchange rates is K-nearest Neighbors. The average relative error between USD and THB is 0.55% , USD and CHF is 0.54% and USD and JPY is 0.72%.

**Keywords:** prediction, forecasting foreign currency exchange rate, average relative error