

Project	DECISION SUPPORT SYSTEM FOR CAR BUYING
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Abstract

This project develops Decision support system for car buying in are of Bangkok. This project collects data using questionnaire to build model for decision support of cay buying and car type using data mining technique to compare performance of model. This project uses decision tree, k-nearest neighbors, and support vector machine. From the result shows that decision tree model is high accuracy than other classifiers with accuracy of 82.4% for car buying model. In addition, decision is also high accuracy than other classifiers with accuracy of 62.2% for car type model. Therefore, this project uses decision tree model to develop Decision support system for car buying.

Keywords: Car buying, Decision tree, Decision support system