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## Selection of Passenger Car Using TOPSIS Method

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### Abstract

The car is one of the basic needs in today's world for transportation of the passengers, and selection of car is a very crucial task for the customer. The quality of the car varies with respect to the attributes. The customers are in search of a car which is best in attributes. The present work gives the selection procedure for selection of best car using multi-attribute decision-making method viz: technique for order of preference by similarity to ideal solution method based upon different attribute. There are five alternatives and five attributes considered like cost, mileage, safety rating, transmission and brake horsepower for the selection of car and the ranks are obtained. The