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Car Review System using Twitter sentiment analysis and online reviews

Interim Progress Report by

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Abstract

The automobile industry is one of the most well-known on the planet, and it has become an inseparable part of our lives. There are several well-known car brands available on the market. People from all parts of the world are very concerned when it comes to purchasing a new car. Choosing a right car that fits them in every way is a challenging task. When selecting a car there are many factors to be considered and those factors differ from person to person significantly. Besides this perfect prediction and combination is required for user to select an ideal car and get the appropriate review.

Social media has evolved into a go-to forum for people to freely share their emotions. Many emotions and thoughts are exchanged and communicated in subjective and analytical forms on social media. The author's goal in this paper is to investigate the feasibility of using collective information gained from user posts on Twitter about a specific car model. The author's motive is to analyse the public tweets on Twitter and compare it with reviews obtained through popular car review website (Edmunds.com) and compare it with the public opinion on twitter to provide a better idea about a particular car.

Purchasing of a car is done to fulfil one's purpose and the purpose and the requirement can different from person to person so following the traditional way of deciding the car brand or the model to purchase can result in purpose being not fully satisfied as the traditional way of selecting a car in most cases is asking from relatives and friends about a particular car model and getting their reviews on the model and getting online reviews so to overcome the errors and lack of information this automated strategy will be very useful for its users.

Automated Car recommender and review System replaces the traditional way of choosing a car brand. This car recommender and review system first considers user requirements and based on that it suggests a car with its review from Edmunds.com and compares it with the public opinion towards that particular car model. So the suggested car model are as of a result of user requirements and the reviews are from public from different parts of the world. Compared to existing systems, this system is the first system to recommend a car model and provide its reviews analysing edumunds.com and public tweets.

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