

عنوان مقاله:

Hierarchical Data Clustering Model for Analyzing Passengers Trip in Highways

محل انتشار:

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خلاصه مقاله:

One of the most important issues in urban planning is developing sustainable public transportation. The basic condition for this purpose is analyzing current condition especially based on data. Data mining is a set of new techniques that are beyond statistical data analyzing. Clustering techniques is a subset of it that one of it's techniques used for analyzing passengers' trip. The result of this research shows relations and similarities in different segments that its usage is from strategic to tactical and operational areas. The approach in transportation is completely novel in the part of trip patterns and a novel process is proposed that can be implemented in highway analysis. Also this method can be applied in traffic and vehicle treats that need automatic number plate recognition (ANPR) for data gathering. A real case study has been studied here by developed process.

کلمات کلیدی:

Urban planning-data mining- traffic analysis-trip- public transportation

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