

Learn about the model and query of moving object databases

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Abstract: This topic aims to analyze and build a theoretical model for moving objects in mobile data management systems. The reason for choosing this topic stems from the increasing demand for applications related to location and movement, such as GPS, IoT technology, and smart transportation. The objective is to identify efficient query methods for moving data and design an appropriate database management system. The research methodology includes empirical analysis to ensure the feasibility of the topic. The expected result is to provide a new theoretical and technical foundation that contributes to improving performance in this field.

Keywords: moving objects, mobile databases, moving data queries, IoT, traffic data management