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Frequent Subgraph Mining Algorithm with Load Balancing for Enhanced Iterative Mapreducing Techniques

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Abstract: Mining frequent sub graphs has attracted a great deal of attention in many areas for data analysis. Above the years, a lot of algorithms have been projected to respond this problem. In a lot of algorithms suppose that the information construction of the extracting job is little enough to well in the chief recollection of a computer. Statistics grows under together size and quantity also; such a statement does not grip any longer. For the purpose of they should be use a Parallel iterative *Map-Reduce* based frequent sub graph mining algorithm (*PFSM-H*),it is also have the some disadvantages. In this work, we propose a frequent sub graph mining algorithm called *LB-FSM*. Existing problem will be solved by LB-FSM method, which uses an iterative Map Reduce based framework. The Load Balancing Frequent Sub graph Mining algorithm will be very useful for mining process, as it returns all the frequent sub graphs for a known consumer-distinct hold up and it is well-organized as it apply every one optimizations that the newest *FSM* algorithms. The experiments with genuine existence and great artificial datasets legalize the success of LB-FSM for mining *frequent sub-graphs* as of huge graph datasets.
Keywords :FSM; Mapreduce; PFSM-H; Frequent sub-graph; LB-FSM.

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