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A new framework for mining weighted periodic patterns in time series databases

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Highlights

- Developing a new weight-based framework for periodic pattern mining.
- Devising an efficient weighted periodic pattern mining algorithm with suffix trie.
- Different pruning strategies are introduced to accelerate the performance.
- Capable of mining symbol, partial, full-cycle periodicity in a single run.
- The results on real datasets show efficiency and effectiveness of our approach.

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