Abstract

Most search engine queries are time dependent in retrieving the results. Time series analysis plays an important role in predicting the status of the query, at every time stamp to retrieve efficiently. Studies have shown that different approaches are used for different queries over time series. Generally they are broadly classified into two types of queries; exact match queries and pattern existence queries. Some applications need the existence of any one of the queries and while others may need both. Numerous methods have been employed to answer both the queries. Analyzing all these methods, the paper tries to survey some improved methods and have experimentally tested their effectiveness. Besides, it also studies some future directions on historical time series queries.
Survey on Comparative Analysis of Queries over Historical Time Series


Index Terms

Computer Science
Information Sciences

Keywords
Search engine queries survey comparative analysis and historical time series.