Abstract

Big data processing is an important aspect in today's world. Twitter produces a large number of tweets and different segments of data according to user usage and posting. Understanding the proper sentiments, extracting the proper meaning from it is an objective task which requires different processing tools and methodology. Real-time data gathering, storing them, and analyzing efficiently to produce effective and fast accessible results is always a required work today. For this purpose in this research work, a technique PSWNSWAP is proposed, which uses Twitter stream data gathering in real-time as well as fast indexing, processing, and performing sentiment analysis of gathered data. Distance computation, finding the right place to perform some operation is a tedious task for business operation or any brand to get established in new areas. Here's an algorithm which is St-QAP algorithm, is investigated and processed with the Apache Storm tool and NLP library. The objective is to produce an efficient path mapping and catchments for new brands to establish in a new area and solving investigation behind it. Our proposed algorithm computed efficient results, while comparing with existing traditional solutions.
with it.

References

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Index Terms

- Computer Science
- Information Sciences

Keywords

Big Data processing, Real Time streaming, Twitter, NLP computation, Storm processing, PSWNSWAP, St-QAP, Distance computation, Catchments.