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, 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 called 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 the tedious task for business operations 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 the investigation behind it. Our proposed algorithm computed efficient results, while comparing with existing traditional solutions.
References


14. J.P. Nivash, Ebin Deni Raj , L.D. Dhinesh Babu, M. Nirmala, V. Manoj Kumar, "Analysis on enhancing storm to efficiently process big data in real time', Published in: Computing,


**Index Terms**

Computer Science  
Information Sciences

**Keywords**

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