

## **Abstract**

Really Simple Syndication (RSS) facility which provide by Indonesian news website enable the newsreader to get the news that they want to read easily. To make it a readable data both for a machine and human, we can use an eXtensible Markup Language (XML) format as a data transfer.

The problem is, how to make those news seekers can get the right information fast and easily. Search engine is one of the answer. This search engine is made by RSS technology and the result will be clustered with PDDP and Bi-Section K-Means algorithm.

This search engine renew the data by implementing RSS and XML. While the clustered result the PDDP algorithm has a better quality in running time and Sum Squad Error (SSE) value than the Bisection K-Means algorithm.

**Keywords:** *clustering, PDDP, bi section k means, XML, RSS 2.0*