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#### TITLE AND ABSTRACT

Title ANALISIS SENTIMEN TWEET VAKSIN COVID 19 SINOVAC MENGGUNAKAN METODE SUPPORT VECTOR MACHINE

Abstract

Di awal tahun 2020 dunia dikagetkan dengan kejadian infeksi berat dengan penyebab yang belum diketahui, virus Covid-19 yang sedang melanda dunia saat ini yang menyebabkan penyakit pada manusia dan hewan. Kebanyakan orang masih merasa sedih, takut, marah ataupun merasa gembira dengan masih menyebarnya penyakit ini dan belum ditemukannya obat atau vaksin yang berhasil melumpuhkan virus ini yang sejauh ini sudah ada beberapa institusi atau perusahaan yang sedang mengembangkan vaksin Covid-19 salah satunya Sinovac. Twitter merupakan situs web layanan jejaring sosial yang banyak diminati pengguna internet yang sangat sering digunakan masyarakat dalam memberikan pendapat mengenai vaksin Sinovac ini. Menggunakan algoritma *Support Vector Machine* (SVM) merupakan salah satu metode klasifikasi yang memprediksi kelas berdasarkan model atau pola dari hasil proses training, analisis sentiment dilakukan untuk mengetahui respon sebagian masyarakat sebagian besar mengenai vaksin Sinovac ini. Dan didapatkan akurasi yang baik sebesar 74%.

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### ANALISIS SENTIMEN TWEET VAKSIN COVID 19 SINOVAC MENGGUNAKAN METODE SUPPORT VECTOR MACHINE

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**Abstract**

*In early 2020, the world was shocked by the incidence of severe infections with unknown causes, the Covid-19 virus that is currently sweeping the world which causes diseases in humans and animals. Childhood people still feel sad, afraid, angry or feel happy with the spread of this disease and there has not been a drug or vaccine that has succeeded in paralyzing this virus, so far there have been several institutions or companies that are developing the Covid-19 vaccine, one of which is Sinovac. Twitter is a social networking service website that is in great demand by internet users which is very often used by the public to provide opinions about this Sinovac vaccine. Using algorithms Support Vector Machine (SYM) is a classification method that predicts class based on a model or pattern from the results of the training process, sentiment analysis is carried out to determine the response of most of the community, mostly about this Sinovac vaccine. And got a good accuracy of 74%.*