

ABSTRACT

After the Covid-19 pandemic, health has become a matter of concern. Most people use search engines as a tool to find information about health. However, the information obtained is in the form of search engine query results that are still general. The Question Answering system is a system that provides information according to the information needed by users specifically. In this study, a Question Answering system built using the Bidirectional Encoder Representations from Transformer (BERT) method. BERT is a pre-trained model that uses a transformer architecture. BERT can complete the task of the Question Answering system. With a pre-trained model, the system does not need to train the model from scratch. The system only needs to use the train model that has been created by someone else according to the task needed to save time and resources. To measure performance, the Exact Match (EM) and F1-score methods are used. The results of this study showed the best scores obtained were Exact Match 75% and F1-score 76%.

Keywords: *question answering, BERT, pre-trained model, health*