

ABSTRACT

Deep speech is a part of Artificial Intelligence (AI) in technological development. This makes several companies compete to be able to develop deep speech projects of one of their companies, namely the Telkom Group. To be able to develop deep speech, one way is to explore tensorflow using Neural Network (NN) in handwriting patterns. Tensorflow is included in the image processing that is in demand by researchers, especially in the field of computers. In tensorflow with the introduction of numeric handwriting patterns, accuracy is very important so that handwriting can be known precisely so that by using the NN algorithm a high accuracy level is achieved reaching 0.9391.

Keywords: NN, Tensorflow, Image processing