

ABSTRACT

Research related to Machine Learning continues to be carried out, including Speech Processing, especially Speech Recognition. The last few years the research has focused on Deep Learning in speech to get better results on the Machine Learning. In this final project the author wants to make or modify the Speech Recognition model based on Deep Learning by using various algorithms and various reference models such as Deep Speech, CNN (Convolutional Neural Network), NLP (Natural Language Processing), MDN Web Speech API and others. To see which algorithm has an accuracy close to 80% or >80% in the Speech Recognition prediction.

Keywords: Speech Recognition, Deep Learning, Machine Learning