

ECS 193AB Winter/Spring2017

Deep Learning Text Classification Tool

This project involves using Google's Tensor Flow and/or Torch to build tools for classification of unstructured text content. Tensor Flow is an open source Deep Learning platform developed by Google. A foundational practice in Natural Language Processing is the classification of texts based on various parameters. (This text is like these texts and this other text is like those other texts.) Traditional NLP methods require the researcher to pre-identify the grounds of classification, introducing bias in the results. This task involves building interfaces to Tensor Flow to perform automated, unsupervised classification of texts—a methodology which, in theory, eliminates the traditional biases of NLP.

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