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'Soft' but 'more golden' labels

Wonderful research on annotations for Machine Learning problems.

It suggests to label training data, softly, meaning, say in case of Sentiment Analysis, don't label samples as either 100% positive or 100% negative, because in reality its typically not so. There are shades of grey. So, annotate like 80% positive, 20% negative. With this, the claim is that, you need far less training data. Obviously the limitation is that you need more rigorous and more correct annotations.

The training data has to be 'more golden' as it is lesser so relied upon more.

Although an early research but looks promising, more so in Natural Language Processing, where interpretations are ambiguous inherently.

#MIT #machinelearning #data #training #research #classification #clustering #deeplearning #annotation #naturallanguageprocessing

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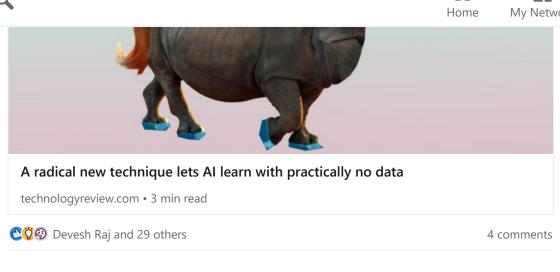
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In NLP this can sit between one shot entailment models and multi label
classification. But getting "soft" labelled data is as equally hard as fully
labelled more data. Hence It appears less promising to me directly but yes we

The AI Journal

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Awesome! Yogesh Kulkarni

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