
Active Learning For Hierarchical Text Classification

On active learning in hierarchical classification
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HDLTex: Hierarchical Deep Learning for Text Classification

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Active learning for hierarchical multi-label classification

An Active Learning Framework for Hyperspectral Image Classification

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(AL) is a subfield of machine learning which addresses methods to build models with fewer, but more representative instances. (PDF) Active learning for hierarchical multi-label ...Active Learning, Hierarchical Classification, Label Tree Em-bedding 1. INTRODUCTION Obtaining labels is an expensive or time-consuming process, especially for large scale multi-class classification problems. Active learning is proposed to make the learning task more efficient [12], by intelligently choosing specific unlabeled data. On active learning in hierarchical classification active learning is helpful. The first has to do with efficient search through the hypothesis space.

Each time a new label is seen, the set of plausible classifiers (those roughly consistent with the labels seen so far) shrinks somewhat. Using active learning, one can explicitly select points whose labels will shrink this set as fast as possible. Hierarchical Sampling for Active Learning A digital learning space for your pupils and a toolkit for you, so that you can search, plan, allocate and assess all in one place. ActiveLearn: Login Active learning (AL) is a subfield of machine learning which addresses methods to build models with fewer, but more representative instances. Even though AL has been vastly studied, it has not been thoroughly

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This paper reports our experiments with HDLTex, which exhibits improved accuracy over traditional document classification methods. HDLTex: Hierarchical Deep Learning for Text Classification An Active Learning Framework for Hyperspectral Image Classification Using Hierarchical Segmentation.

Abstract: Augmenting spectral data with spatial information for image classification has recently gained significant attention, as classification accuracy can often be improved by extracting spatial information from neighboring pixels. In this paper, we propose a new framework in which active learning (AL) and hierarchical segmentation (HSeg) are combined for

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provide a full characterization of the number of queries needed to achieve perfect reconstruction of the tree cut. Flattening a Hierarchical Clustering through Active Learning Abstract Most of the existing active learning algorithms assume all the category labels as independent or consider them in a "flat" structure. However, in reality, there are many applications in which the set of possible labels are often organized in a hierarchical structure. On active learning in hierarchical classification ... Request PDF | On active learning in hierarchical classification | Most of the existing active learning algorithms

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