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`countEachLabel(imds)`Image Category Classification Using Deep Learning - MATLAB ...Organizing images into categories makes handling large sets of images much easier. You can use the `splitEachLabel` function to split the images into training and test data. Read the category images

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 setDir = fullfile(toolboxdir
 ('vision'),'visiondata','imag
 eSets'); imds =
 imageDatastore
 (setDir,'IncludeSubfolders'
 ,true,'LabelSource',...
 'foldernames'); Image
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 ...YPred = classify
 (net,imdsValidation);
 YValidation =
 imdsValidation.Labels;
 accuracy = mean (YPred
 == YValidation) accuracy
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```
setDir = fullfile(toolboxdir('vision'),'visiondata','imageSets'); imds = imageDatastore
```

```
(setDir,'IncludeSubfolders',true,'LabelSource',... 'foldernames');
```

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% Determine the smallest amount of images in a category minSetCount = min(tbl{:,2}); % Limit the number of images to
```

reduce the time it takes % run this example.

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