

```

function DS = createTrainingDatastore(rootDataDir)

train010Path = [rootDataDir, filesep, '07-Data', filesep, '010TrainingImages'];
train025Path = [rootDataDir, filesep, '07-Data', filesep, '025TrainingImages'];
train050Path = [rootDataDir, filesep, '07-Data', filesep, '050TrainingImages'];
train100Path = [rootDataDir, filesep, '07-Data', filesep, '100TrainingImages'];
train200Path = [rootDataDir, filesep, '07-Data', filesep, '200TrainingImages'];
train400Path = [rootDataDir, filesep, '07-Data', filesep, '400TrainingImages'];
train600Path = [rootDataDir, filesep, '07-Data', filesep, '600TrainingImages'];
train800Path = [rootDataDir, filesep, '07-Data', filesep, '800TrainingImages'];

DS.train010 = imageDatastore(train010Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train025 = imageDatastore(train025Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train050 = imageDatastore(train050Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train100 = imageDatastore(train100Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train200 = imageDatastore(train200Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train400 = imageDatastore(train400Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train600 = imageDatastore(train600Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

DS.train800 = imageDatastore(train800Path,...
    'IncludeSubfolders',true,...
    'LabelSource','foldernames');

end

```