Working dictionary of Luyao Liu

Files — Data Mining Final Project.ipynb

Download the dataset VOC2012

```
[ ]   # !mkdir ./drive/My\ Drive/VOC2012
      # %cd ./drive/My\ Drive/VOC2012

      # !wget http://host.robots.ox.ac.uk/pascal/VOC/voc2012/VOCtrainval_11-May-2012.tar
      # !tar -xf VOCtrainval_11-May-2012.tar
```

Download the dataset Benchmark

```
[ ]   # !mkdir ./drive/My\ Drive/benchmark
      # %cd ./drive/My\ Drive/benchmark

      # !wget http://www.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.tgz
      # !tar -xf benchmark.tgz
```

Install required packages

```
[ ]   %cd ./drive/My\ Drive/pytorch-semseg

      # !pip install -r requirements.txt
      !pip install tensorboardX
      !pip install scipy==0.19.0
      !pip install pydensecrf
```

Working dictionary of Xinyuan Hu


```
[ ]   from google.colab import drive
      drive.mount('/content/drive')

      Drive already mounted at /content/drive; to attempt to forcibly remount, call drive.mount("/content/drive", force_remount
```

```
[ ]   import os
      os.getcwd()

      '/content'
```

```
[ ]   !tar -xf /content/drive/My\ Drive/model/VOCtrainval_11-May-2012.tar
```

```
[ ]   !wget http://www.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.tgz
      !tar -xf benchmark.tgz

      --2020-04-29 07:48:48--  http://www.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.tg
      Resolving www.eecs.berkeley.edu (www.eecs.berkeley.edu)... 23.185.0.1, 2620:12a:8001::1, 2620:12a:8000::1
      Connecting to www.eecs.berkeley.edu (www.eecs.berkeley.edu)|23.185.0.1|:80... connected.
      HTTP request sent, awaiting response... 301 Moved Permanently
      Location: https://www2.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.tgz [following]
      --2020-04-29 07:48:49--  https://www2.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.
      Resolving www2.eecs.berkeley.edu (www2.eecs.berkeley.edu)... 128.32.189.73
      Connecting to www2.eecs.berkeley.edu (www2.eecs.berkeley.edu)|128.32.189.73|:443... connected.
      HTTP request sent, awaiting response... 200 OK
      Length: 1419539633 (1.3G) [application/x-tar]
      Saving to: 'benchmark.tgz'

      benchmark.tgz       100%[===================>]   1.32G  16.6MB/s    in 34s

      2020-04-29 07:49:23 (40.1 MB/s) - 'benchmark.tgz' saved [1419539633/1419539633]
```