

## Working dictionary of Luyao Liu

The screenshot shows a Jupyter Notebook titled "Data Mining Final Project.ipynb". The left sidebar displays a file explorer with a tree view of the project structure, including folders like "bin", "boot", "content", "drive", "My Drive", "Colab Notebooks", "VOC2012", "VOCdevkit", "VOCtrainval\_11-May-2012", "benchmark", "benchmark\_RELEASE", "benchmark.tgz", "pytorch-semseg", "configs", "ptsemseg", "runs", "LICENSE", "README.md", "requirements.txt", "test.py", "train.py", "validate.py", "Data Mining Final Report...", and "sample\_data". The main area contains three code cells:

```
[ ] # 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 -xvf 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 -xvf benchmark.tgz
```

```
[ ] %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

The screenshot shows a Jupyter Notebook titled "Data Mining Final Project.ipynb". The left sidebar displays a file explorer with a tree view of the project structure, including folders like "VOCdevkit", "benchmark\_RELEASE", "drive", "My Drive", "Colab Notebooks", "model", "result\_txt", "semseg", "configs", "ptsemseg", "LICENSE", "README.md", "requirements.txt", "test.py", "train.py", "validate.py", "Data Mining Final Project.ip...", "VOCtrainval\_11-May-2012.tar", "fcn8s\_pascal\_best\_model.pkl", "Neopets\_Record.gsheets", "Project Description.docx", "Resume\_19\_0906 - Xinyuan Hu...", and "Resume\_19\_0906.pdf". The main area contains several code cells:

```
[ ] 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=True).

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

'/content'

```
[ ] !tar -xvf /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 -xvf benchmark.tgz
```

```
--2020-04-29 07:48:48-- http://www.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.tgz
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-- http://www2.eecs.berkeley.edu/Research/Projects/CS/vision/grouping/semantic_contours/benchmark.tgz
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]
```