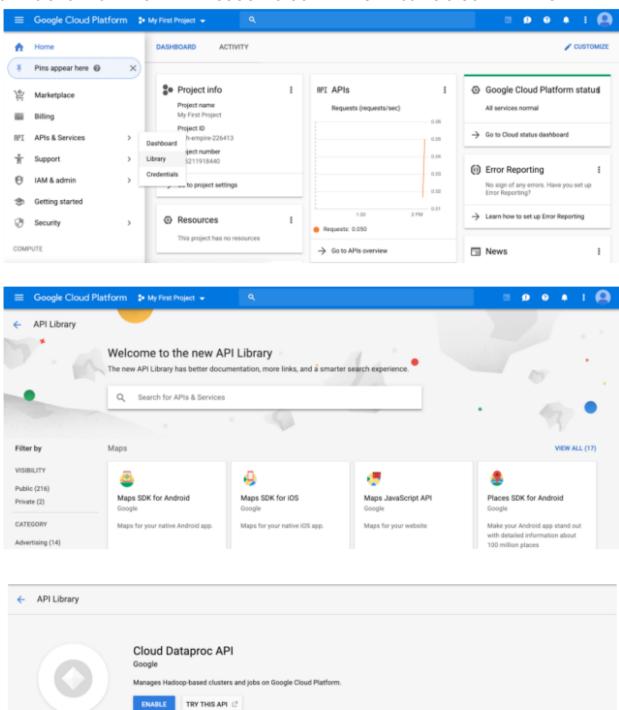
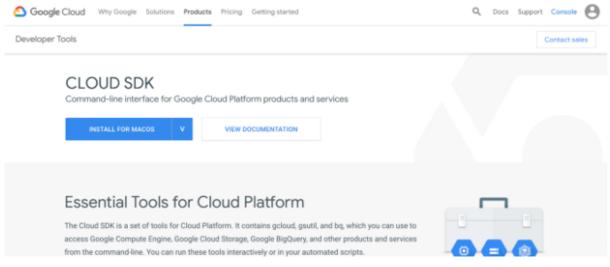
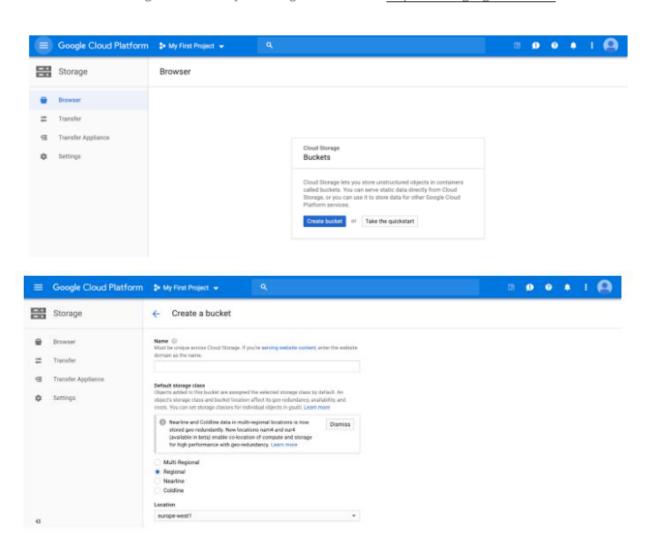
### SERIES OF STEPS PERFORMED IN GOOGLE CLOUD PLATFORM USING CLOUD DATAPRO





Install Google Cloud SDK by following instructions on https://cloud.google.com/sdk/



```
Warning: wget 1.20 is already installed and up-to-date
To reinstall 1.20, run 'brew reinstall wget'
URL transformed to HTTPS due to an HSTS policy
--2018-12-23 20:35:57-- https://cs.stanford.edu/people/alecmgo/trainingandtestdata.zip
Resolving cs.stanford.edu (cs.stanford.edu)... 171.64.64.64
Connecting to cs.stanford.edu (cs.stanford.edu)|171.64.64.64|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 81363704 (78M) [application/zip]
Saving to: 'trainingandtestdata.zip'
trainingandtestdata.zip 100%[================================] 77.59M 6.54MB/s
                                                                                         in 13s
2018-12-23 20:36:11 (5.76 MB/s) - 'trainingandtestdata.zip' saved [81363704/81363704]
Archive: trainingandtestdata.zip
 inflating: testdata.manual.2009.06.14.csv
  inflating: training.1600000.processed.noemoticon.csv
Copying file://pyspark_sa_train_data.csv [Content-Type=text/csv]...
==> NOTE: You are uploading one or more large file(s), which would run
significantly faster if you enable parallel composite uploads. This
feature can be enabled by editing the
"parallel_composite_upload_threshold" value in your .boto
configuration file. However, note that if you do this large files will
be uploaded as `composite objects
<https://cloud.google.com/storage/docs/composite-objects>`_,which
means that any user who downloads such objects will need to have a
compiled crcmod installed (see "gsutil help crcmod"). This is because
without a compiled crcmod, computing checksums on composite objects is
so slow that gsutil disables downloads of composite objects.
[1 files][219.2 MiB/219.2 MiB] 304.0 KiB/s
Operation completed over 1 objects/219.2 MiB.
Copying file://pyspark_sa_test_data.csv [Content-Type=text/csv]... / [1 files][ 2.2 MiB/ 2.2 MiB]
Operation completed over 1 objects/2.2 MiB.
```

