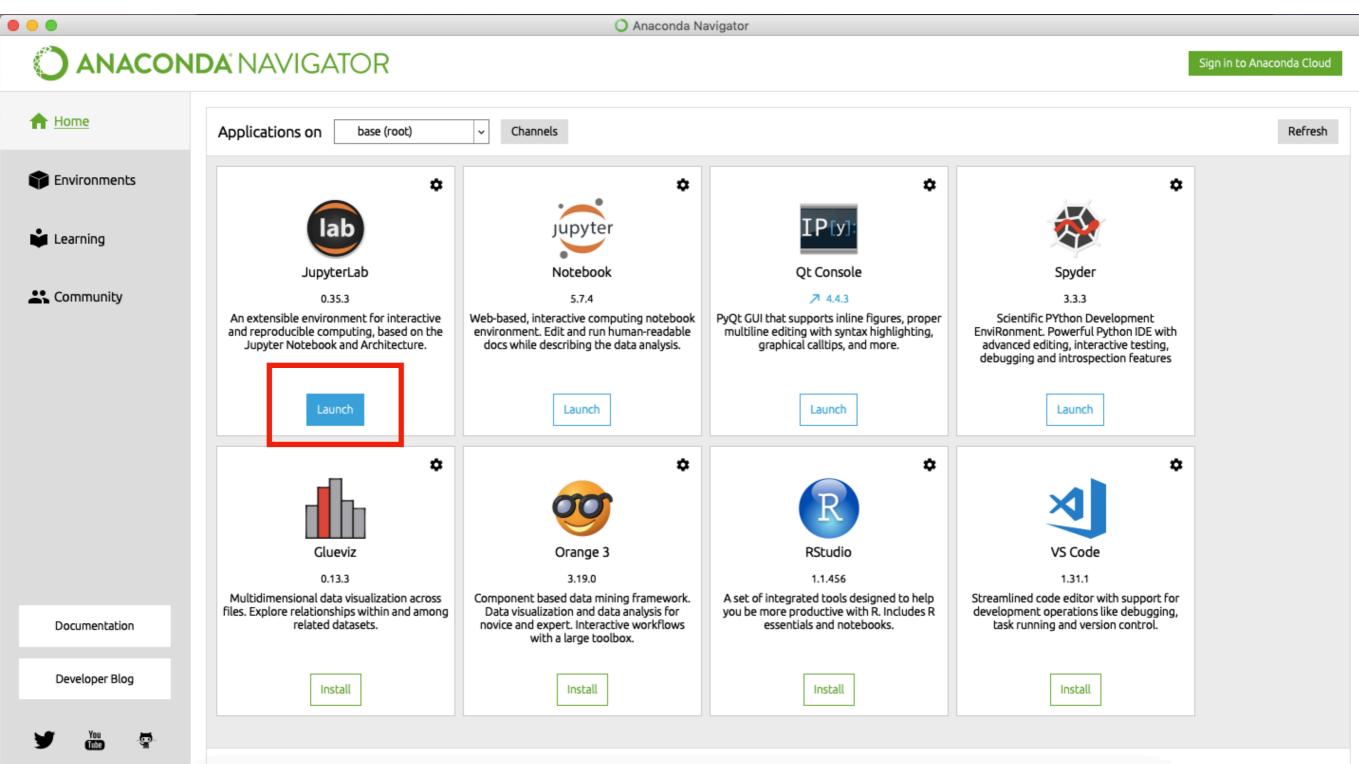
PySpark Test

Jungwon Seo

Open Anaconda navigator and Launch Jupiter lab



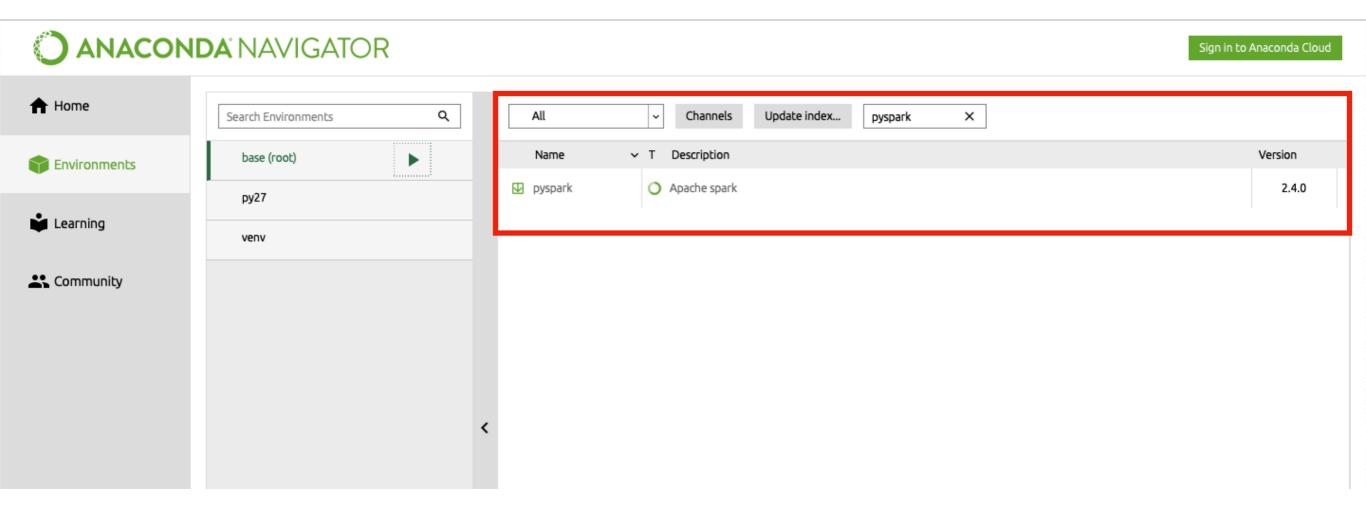
If you haven't installed pyspark, you can install using "conda install"

```
(base) → Downloads conda install pyspark
Solving environment: done
## Package Plan ##
  environment location: /Users/seojungwon/anaconda3
  added / updated specs:

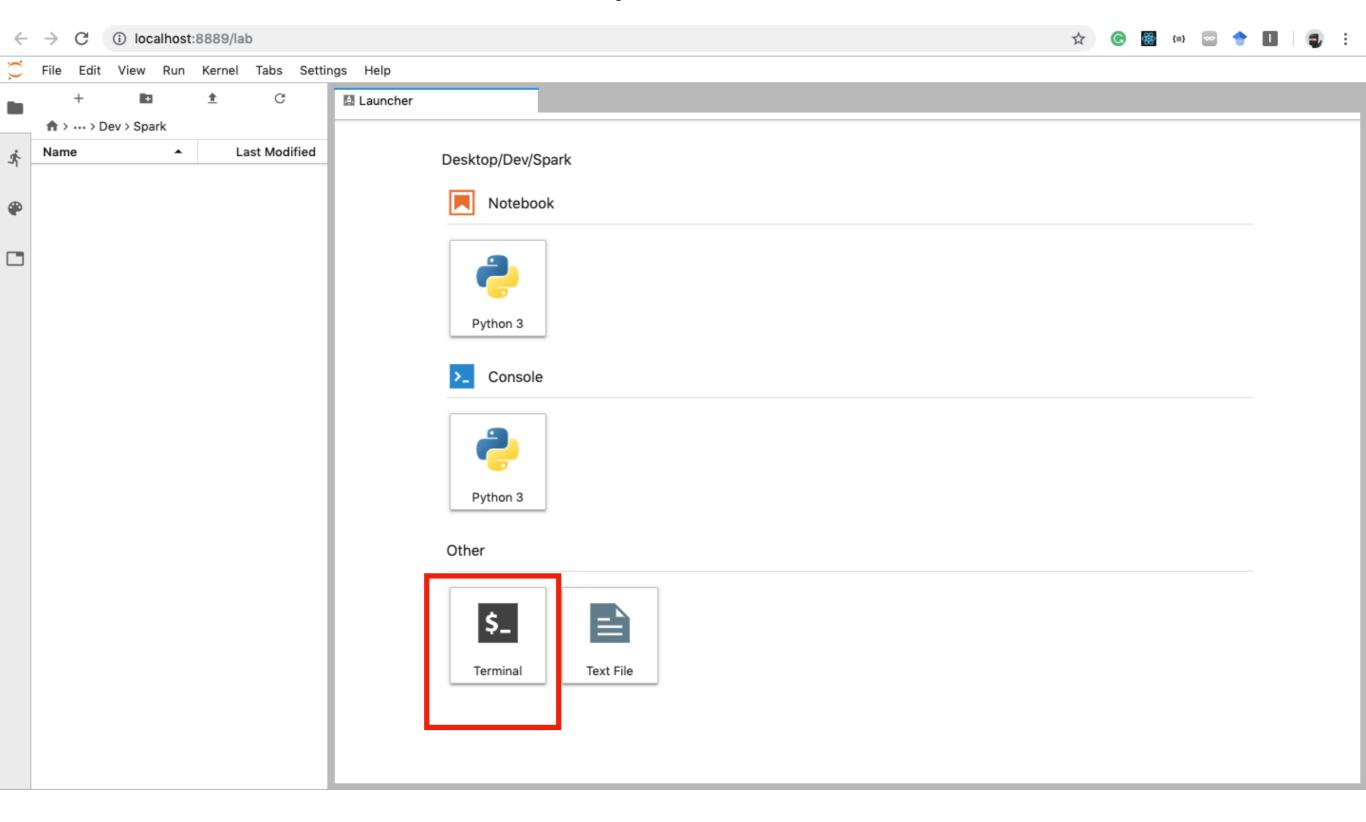
    pyspark

The following packages will be downloaded:
    package
    ca-certificates-2019.1.23
                                                         126 KB
    certifi-2019.3.9
                                                         155 KB
                                          py36_0
    conda-4.6.8
                                          py36_0
                                                         1.7 MB
    openssl-1.1.1b
                                      h1de35cc_1
                                                         3.4 MB
    py4j-0.10.7
                                                         250 KB
                                           py36_0
                                                        203.5 MB
    pyspark-2.4.0
                                           py36_0
                                                        209.1 MB
                                          Total:
The following NEW packages will be INSTALLED:
                     pkgs/main/osx-64::py4j-0.10.7-py36_0
  py4j
                     pkgs/main/osx-64::pyspark-2.4.0-py36_0
  pyspark
```

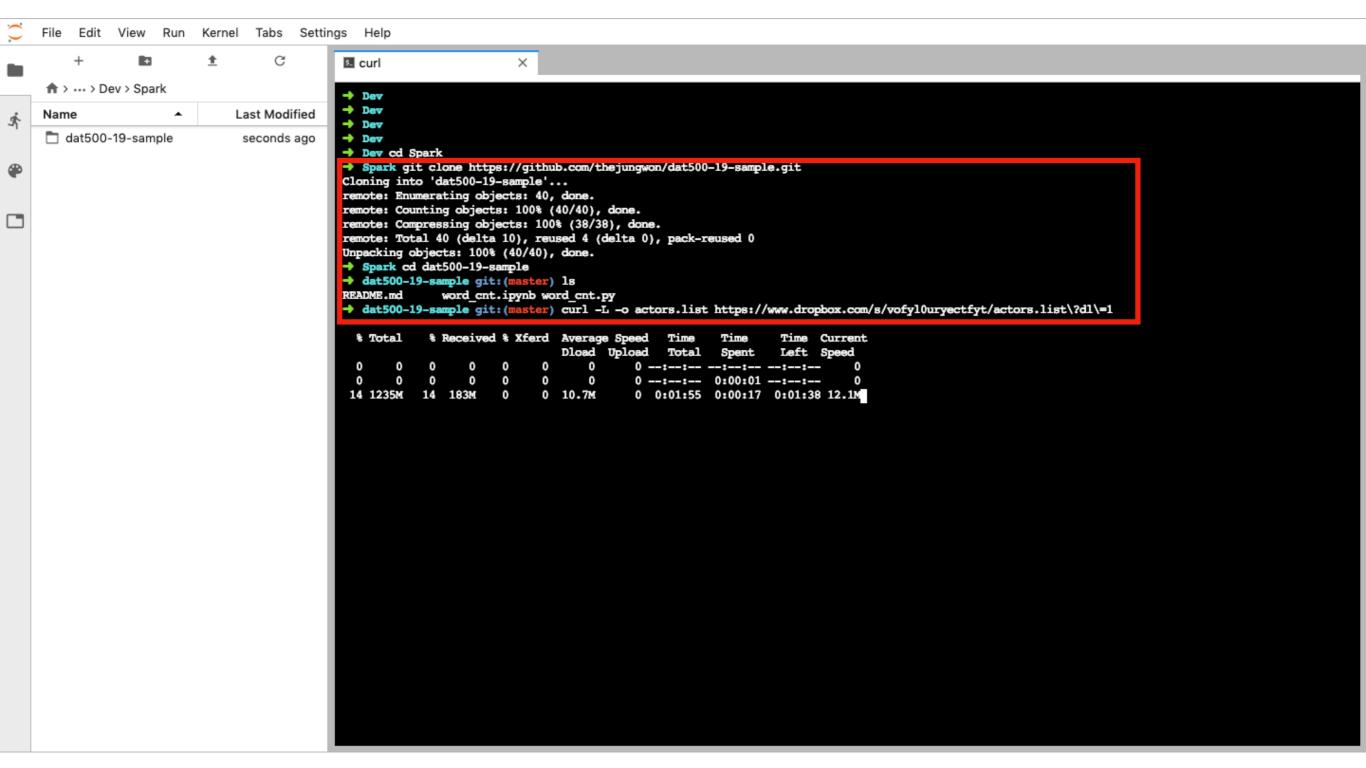
Or from Anaconda navigator



You will see the familiar interface. Let's open terminal.



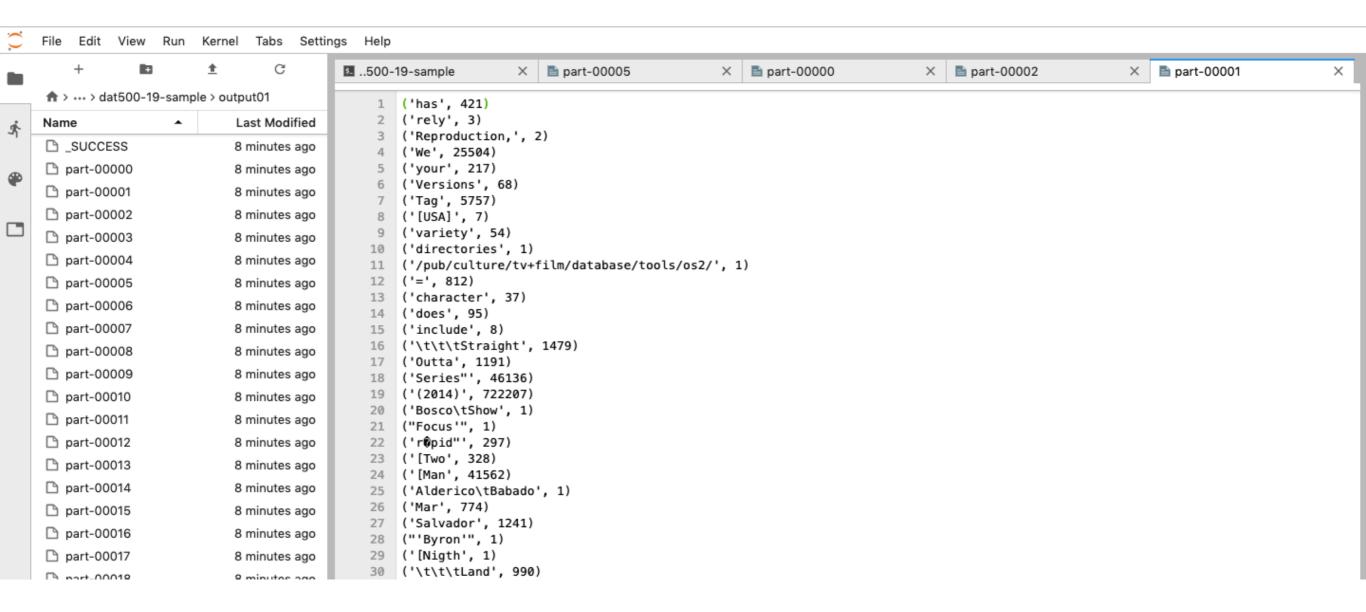
Follow the <u>GitHub</u> instruction.



Just remember to give the absolute path

```
→ dat500-19-sample git:(master) X
→ dat500-19-sample git:(master) X ls
                             word cnt.ipynb word cnt.py
               actors.list
dat500-19-sample git:(mas
→ dat500-19-sample git: (master) X
→ dat500-19-sample git: (master) X
→ dat500-19-sample git:(master) X pwd
/Users/seojungwon/Desktop/Dev/Spark/dat500-19-sample
→ dat500-19-sample git: (master) × python word cnt.py /Users/seojungwon/Desktop/Dev/Spark/dat500-19-sample/actors.list /Users/seojungwon/Desktop/Dev/S
park/dat500-19-sample/output01
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.KerberosUtil (file:/Users/seojungwon/anaconda3/lib/python3.6/site
-packages/pyspark/jars/hadoop-auth-2.7.3.jar) to method sun.security.krb5.Config.getInstance()
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.KerberosUtil
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
2019-03-18 17:28:41 WARN NativeCodeLoader:62 - Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLogLevel(newLevel).
[Stage 0:=====>
                                                                                                                                        (4 + 4) / 391
```

Check the result



Good luck!