










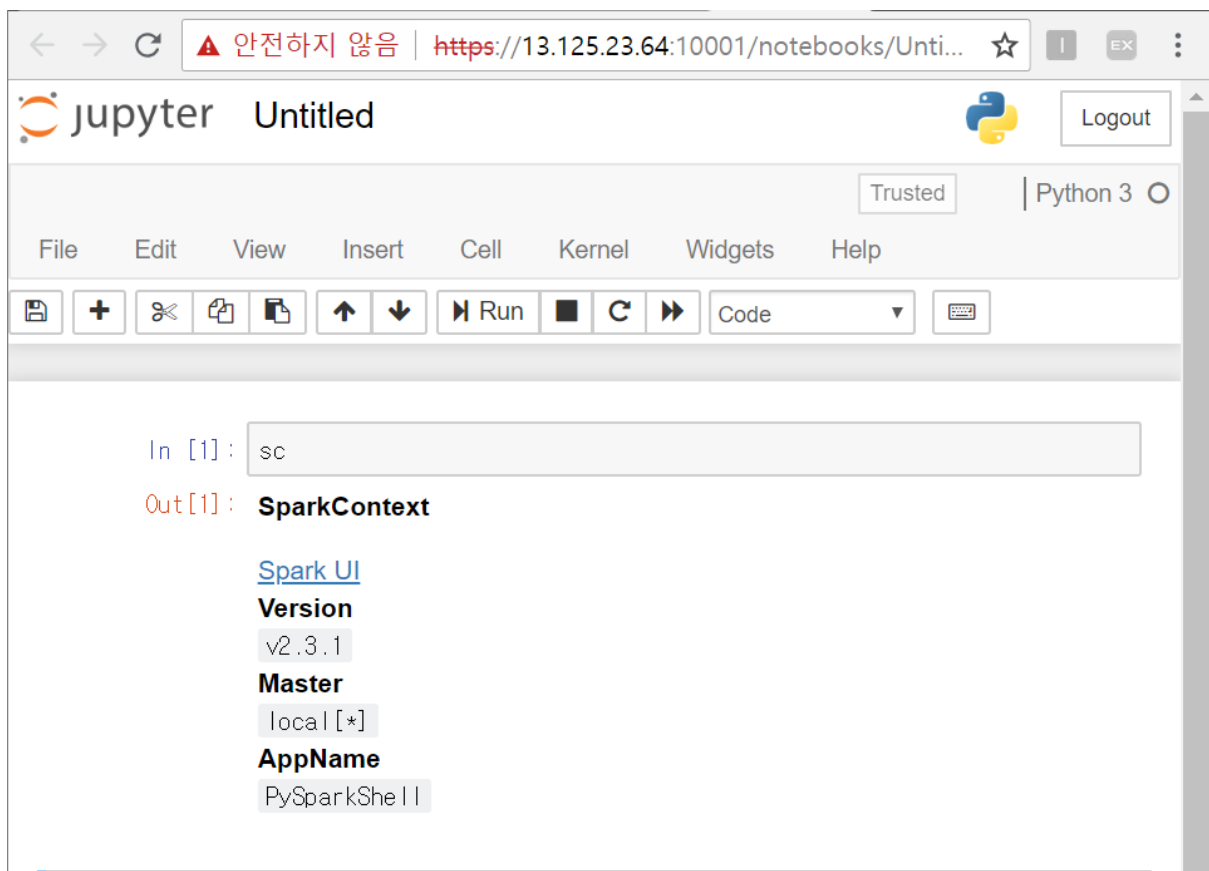
1. 도커 설치

	ybigta-spark-01	i-0777c4265ada23d2e	r4.large	ap-northeast-2c		stopped	여옴 바다	
	ybigta-docker	i-05998a2f831d46842	r4.xlarge	ap-northeast-2c		stopped	여옴 바다	
	ybigta-docke...	i-0d16fd0de69b5bdae	r4.xlarge	ap-northeast-2c		stopped	여옴 바다	

2. Ubuntu 16.04 이미지 컨테이너 만들기

```
root@29d1c4759435:/# ls
bin    dev    home  lib64  mnt    proc   run    srv    tmp    var
boot  etc    lib   media  opt    root   sbin   sys    usr
```

3. 와이빅타용 스파크 컨테이너 만들기



The image shows a Jupyter Notebook interface in a web browser. The browser address bar shows the URL `https://13.125.23.64:10001/notebooks/Unti...`. The Jupyter interface has a top bar with the Jupyter logo, the text "Untitled", a "Logout" button, and a "Trusted" status indicator. Below the top bar is a menu bar with "File", "Edit", "View", "Insert", "Cell", "Kernel", "Widgets", and "Help". Below the menu bar is a toolbar with icons for file operations, running, and code execution. The main area of the notebook shows a code cell with the input `sc` and the output `SparkContext`. The output also displays the Spark UI version `v2.3.1`, the master `local[*]`, and the app name `PySparkShell`.

```
root@d0e3dce895cc:~# [I 13:11:53.375 NotebookApp] Writing notebook server cookie secret to /root/.local/share/jupyter/runtime/notebook_cookie_secret
[I 13:11:53.732 NotebookApp] JupyterLab beta preview extension loaded from /opt/conda/lib/python3.6/site-packages/jupyterlab
[I 13:11:53.732 NotebookApp] JupyterLab application directory is /opt/conda/share/jupyter/lab
[I 13:11:53.741 NotebookApp] Serving notebooks from local directory: /root
[I 13:11:53.741 NotebookApp] 0 active kernels
[I 13:11:53.741 NotebookApp] The Jupyter Notebook is running at:
[I 13:11:53.741 NotebookApp] https://d0e3dce895cc:10001/
[I 13:11:53.741 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[I 13:12:30.292 NotebookApp] 302 GET / (203.229.72.21) 0.59ms
[I 13:12:30.301 NotebookApp] 302 GET /tree? (203.229.72.21) 0.53ms
[I 13:12:35.155 NotebookApp] 302 POST /login?next=%2Ftree%3F (203.229.72.21) 1.09ms
[I 13:12:54.475 NotebookApp] Creating new notebook in
[I 13:12:54.491 NotebookApp] Writing notebook-signing key to /root/.local/share/jupyter/notebook_secret
[I 13:12:56.348 NotebookApp] Kernel started: cd6e6535-b4e7-427e-8f16-14c8ba7679f4
2018-07-19 13:12:58 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).
[I 13:13:00.476 NotebookApp] Adapting to protocol v5.1 for kernel cd6e6535-b4e7-427e-8f16-14c8ba7679f4
```