

Spark Single

```
# java 설치
sudo apt install openjdk-jdk

# spark 설치 (hadoop 내장 버전)
wget https://mirror.navercorp.com/apache/spark/spark-3.1.2/spark-3.1.2-bin-hadoop3.2.tgz

# 압축 해제
tar xvfz spark-3.1.2-bin-hadoop3.2.tgz

# 이름 변경
mv spark-3.1.2-bin-hadoop3.2 spark

# path 등록
vim ~/.bashrc

export PATH=$PATH:/home/{계정}/spark

source ~/.bashrc

pyspark
```