



빅데이터 분산 플랫폼 아키텍처와 머신러닝 기반 데이터 분석 알고리즘

박경규

강사소개



- 이름 : 박경규
- 강의경력 : 딥러닝, 자연어처리, 빅데이터, 파이썬, 에너지솔루션
- 개발경력

ADD플랫폼 (AI Data Discovery Platform) 개발

BEMS (Building Energy Management System) 개발

PMS (Project Management System) 개발

- 관심분야 : Self Development, Reading , Overseas Travel, Investment
- 깃허브 주소 : <https://github.com/kgpark88>
- 실습자료 : <https://github.com/kgpark88/bigdata>

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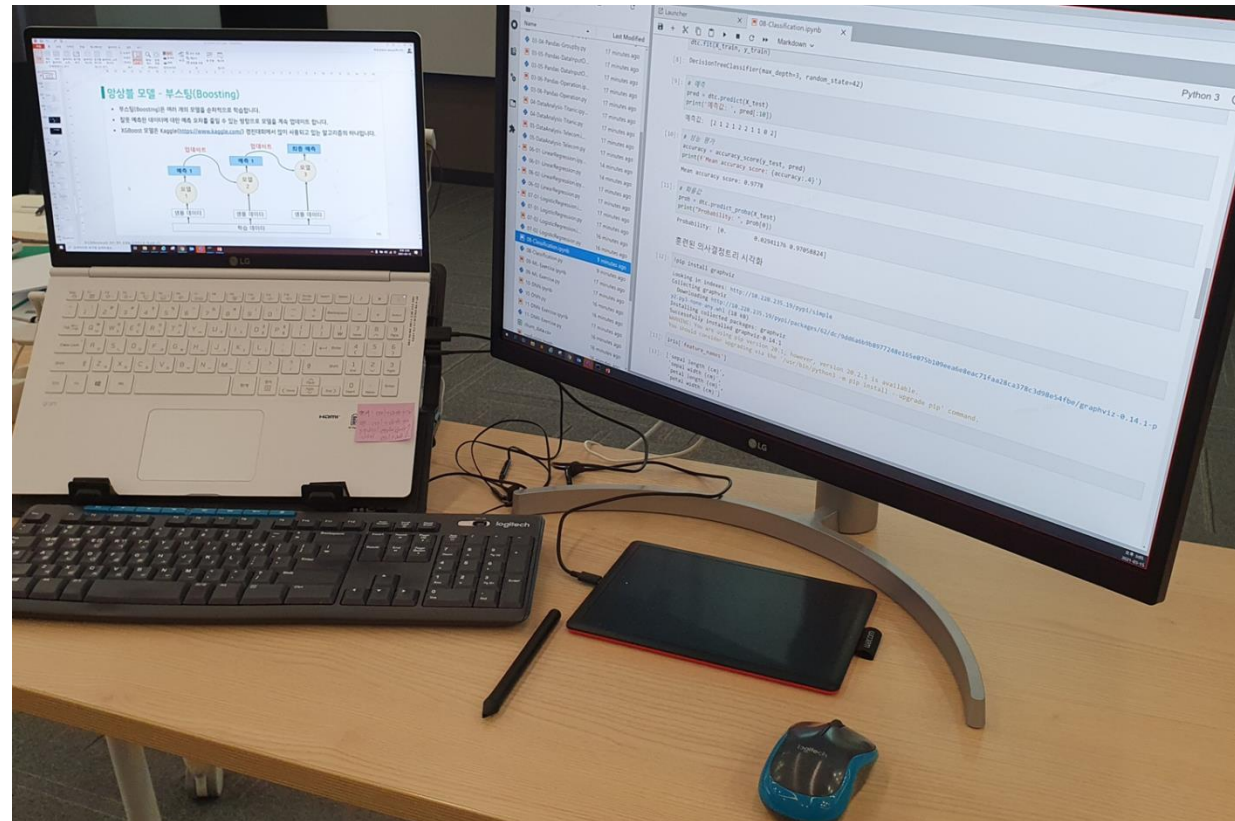
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실습 환경 구축



VirtualBox 설치

<https://www.virtualbox.org/>



■ 설치방법 참고 : <https://zoosso.tistory.com/1214>

VirtualBox 7.0.6 platform packages

- ➞ Windows hosts
- ➞ macOS / Intel hosts
- ➞ Developer preview for macOS / Arm64 (M1/M2) hosts
- Linux distributions
- ➞ Solaris hosts
- ➞ Solaris 11 IPS hosts

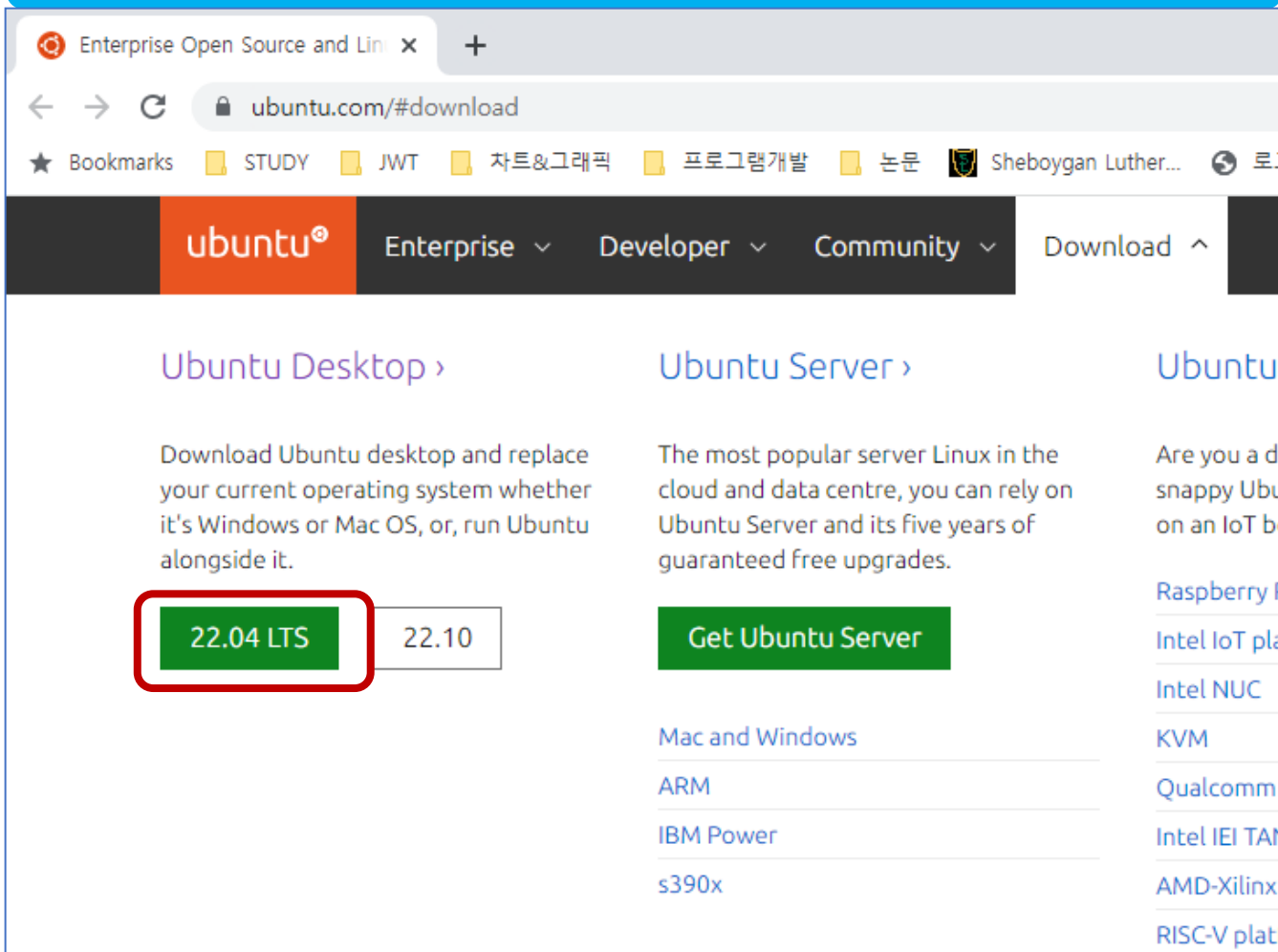
VirtualBox 7.0.6 Oracle VM VirtualBox Extension Pack

- ➞ All supported platforms

Support VirtualBox RDP, disk encryption, NVMe and PXE boot for Intel cards. See [this chapter from the User Manual](#) for an introduction to this Extension Pack. The Extension Pack binaries are released under the [VirtualBox Personal Use and Evaluation License \(PUEL\)](#). *Please install the same version extension pack as your installed version of VirtualBox.*

Ubuntu 설치

<https://ubuntu.com/#download>



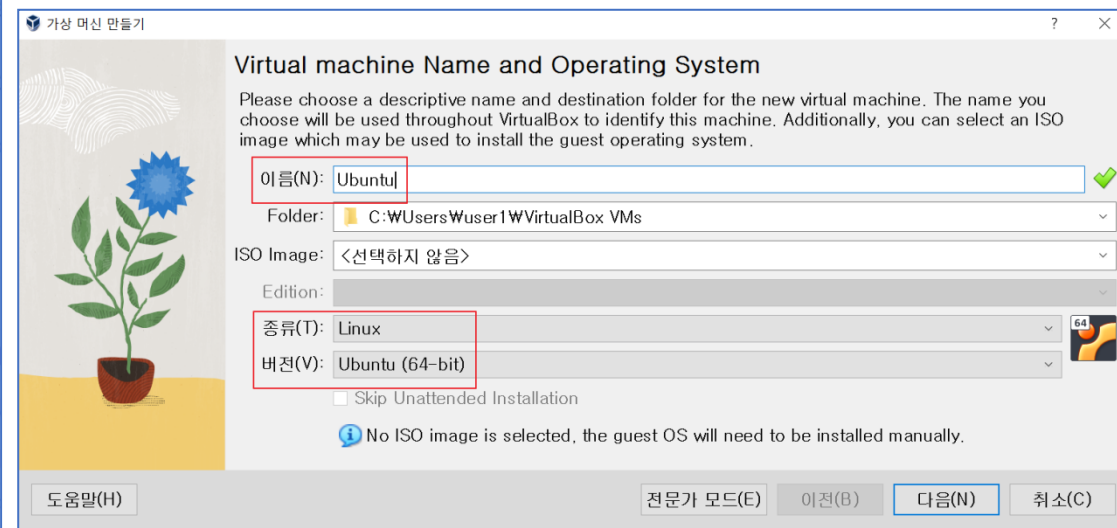
The screenshot shows the Ubuntu website's download section. The '22.04 LTS' button is highlighted with a red box. The page also features links for 'Ubuntu Desktop', 'Ubuntu Server', and various hardware support pages like 'Raspberry Pi', 'Intel IoT', and 'ARM'.

설치방법 참고

<https://zoosso.tistory.com/1214>



The screenshot shows the Oracle VM VirtualBox Manager window. The '도구' (Tools) button and the '새로 만들기(N)' (New) button are highlighted with red boxes. The interface also displays a list of virtual machines: 'frontend', 'node2', and 'backend'.

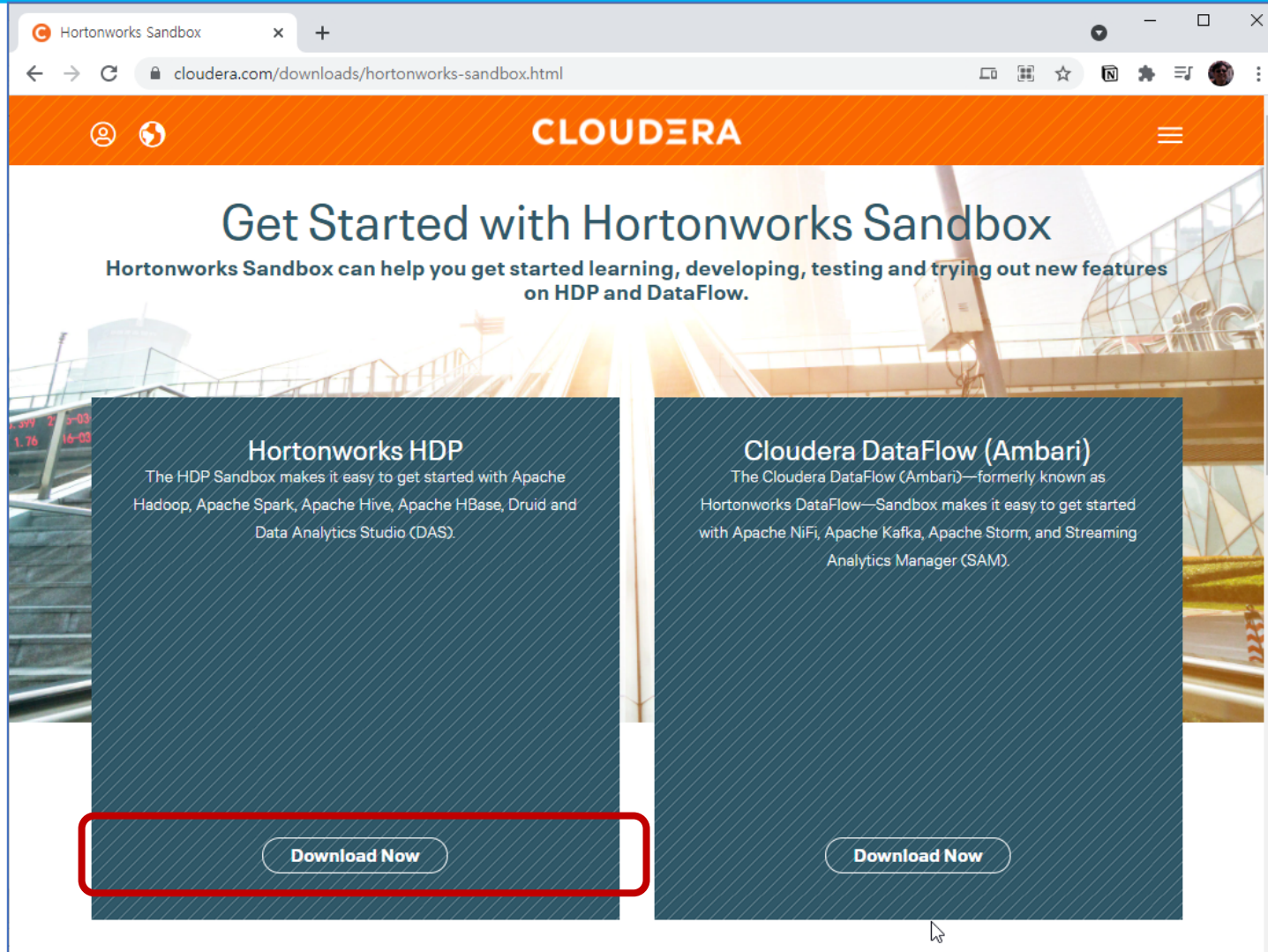


The screenshot shows the 'Virtual machine Name and Operating System' dialog box. The '이름(N):' (Name) field is set to 'Ubuntu', the '종류(T):' (Type) is set to 'Linux', and the '버전(V):' (Version) is set to 'Ubuntu (64-bit)'. The 'Folder' is set to 'C:\Users\Wuser1\VirtualBox VMs'. The 'ISO Image' is set to '<선택하지 않음>' (Not selected). The 'Edition' is set to 'Ubuntu (64-bit)'. The 'Skip Unattended Installation' checkbox is checked. The 'No ISO image is selected, the guest OS will need to be installed manually.' message is displayed. The '다음(N)' (Next) button is highlighted with a red box.

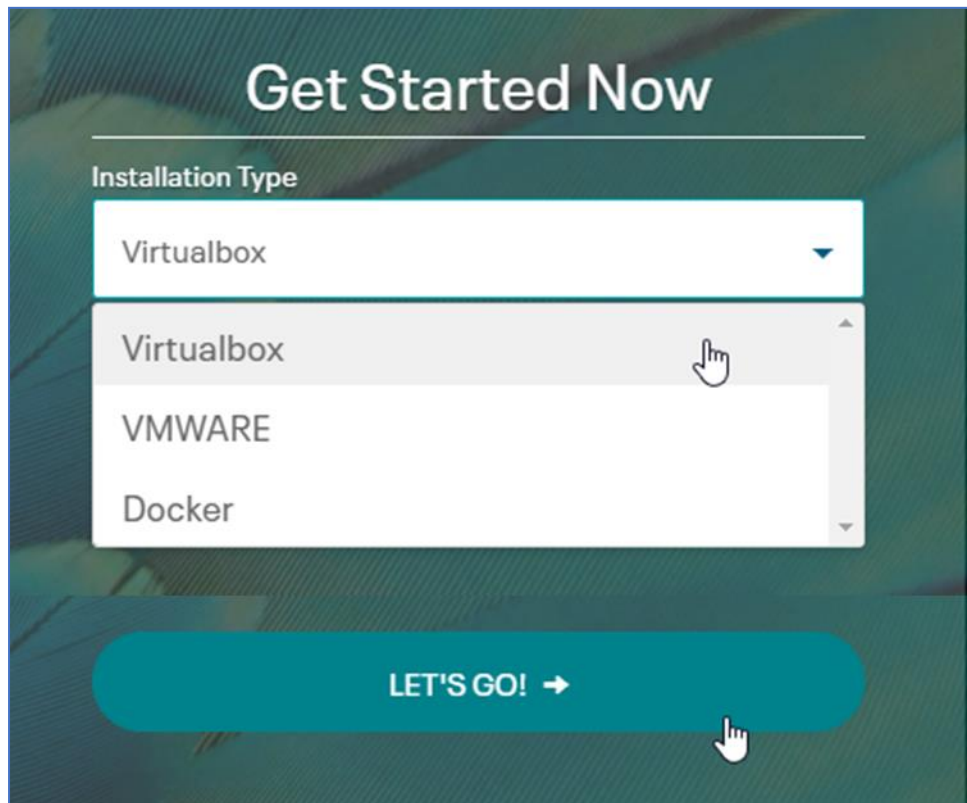
※ Ubuntu 설치시 화면 짚림 현상 해결 방법 : Alt + F7 → 화살표키 or 마우스 이동

HDP(Hortonworks Data Platform) 다운로드

<https://www.cloudera.com/downloads/hortonworks-sandbox.html>



HDP 다운로드



Sign in or complete our product interest form to continue.

Sign In

For self-learning

First Name
Danny

Last Name
Park

Business Email
Company

Job Title
Phone

HDP 다운로드

Thank you for choosing Hortonworks Data Platform (HDP) on Sandbox

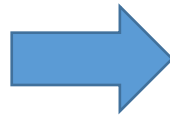
Sandbox HDP Virtualbox Downloads

HDP Sandbox 3.0.1 (Latest)

[Install Guide on VirtualBox](#)

Older Versions

- [2.6.5](#)
- [2.5.0](#)



HDP_2.6.5_virtualbox_180626.ova 15.0GB