



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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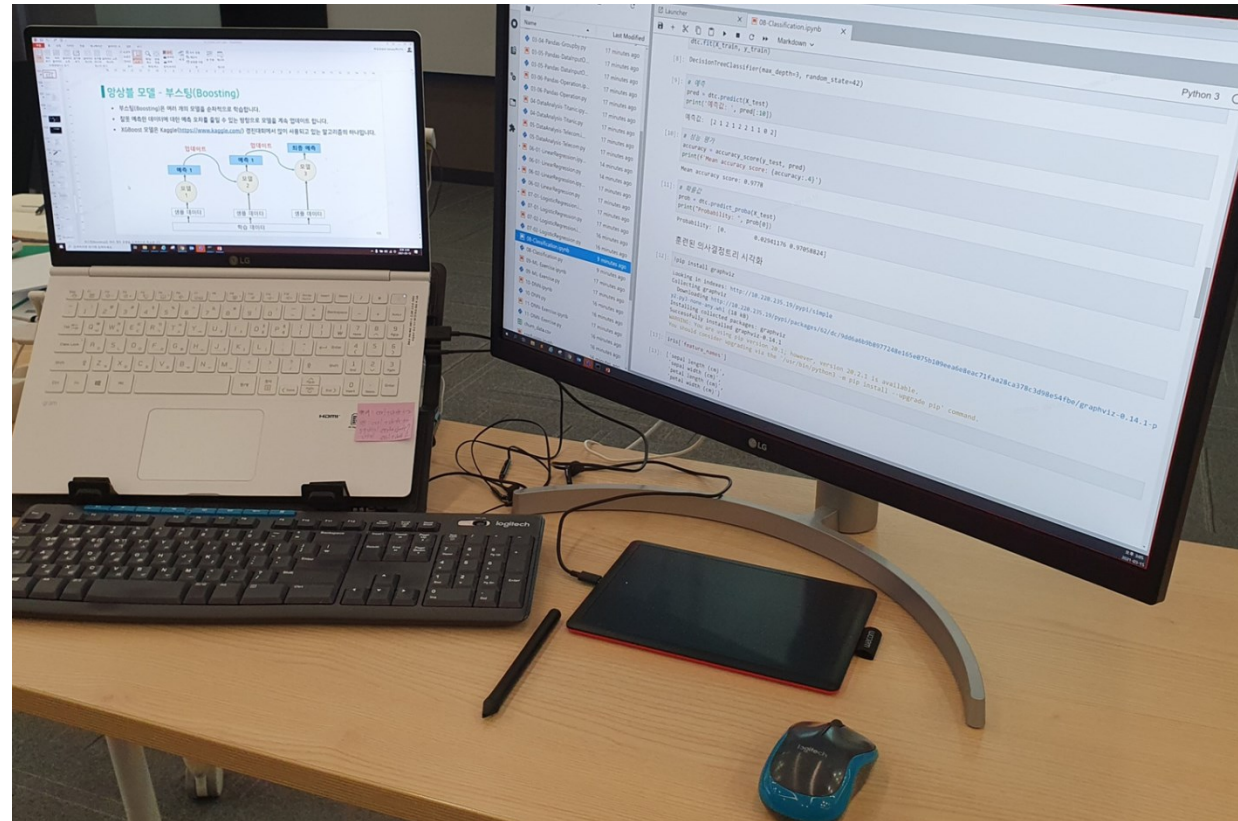
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실습 환경 구축



VirtualBox 설치

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



The screenshot shows the Oracle VM VirtualBox website. The browser's address bar displays 'virtualbox.org'. The page features the VirtualBox logo and the text 'Welcome to VirtualBox.org!'. A large blue button with white text says 'Download VirtualBox 7.0'. Below this, there is a 'Hot picks' section with links to pre-built virtual machines, Hyperbox, and phpVirtualBox. The Oracle logo is at the bottom.

Oracle VM VirtualBox

virtualbox.org

Bookmarks: STUDY, JWT, 차트&그래픽, 프로그램개발, 논문, Sheboygan Luther..., 로그인 - KT WIKI, 새 탭, 기술공유 - 소프...

VirtualBox

Welcome to VirtualBox.org!

VirtualBox is a powerful x86 and AMD64/Intel64 [virtualization](#) product for enterprise as well as home use. Not only is VirtualBox an extremely feature rich, high performance product for enterprise customers, it is also the only professional solution that is freely available as Open Source Software under the terms of the GNU General Public License (GPL) version 3. See "[About VirtualBox](#)" for an introduction.

Presently, VirtualBox runs on Windows, Linux, macOS, and Solaris hosts and supports a large number of [guest operating systems](#) including but not limited to Windows (NT 4.0, 2000, XP, Server 2003, Vista, Windows 7, Windows 8, Windows 10), DOS/Windows 3.x, Linux (2.4, 2.6, 3.x and 4.x), Solaris and OpenSolaris, OS/2, and OpenBSD.

VirtualBox is being actively developed with frequent releases and has an ever growing list of features, supported guest operating systems and platforms it runs on. VirtualBox is a community effort backed by a dedicated company: everyone is encouraged to contribute while Oracle ensures the product always meets professional quality criteria.

Download VirtualBox 7.0

Hot picks:

- Pre-built virtual machines for developers at [Oracle Tech Network](#)
- **Hyperbox** Open-source Virtual Infrastructure Manager [project site](#)
- **phpVirtualBox** AJAX web interface [project site](#)

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VirtualBox 7.0.10 platform packages

- [Windows hosts](#)
- [macOS / Intel hosts](#)
- [Linux distributions](#)
- [Solaris hosts](#)
- [Solaris 11 IPS hosts](#)

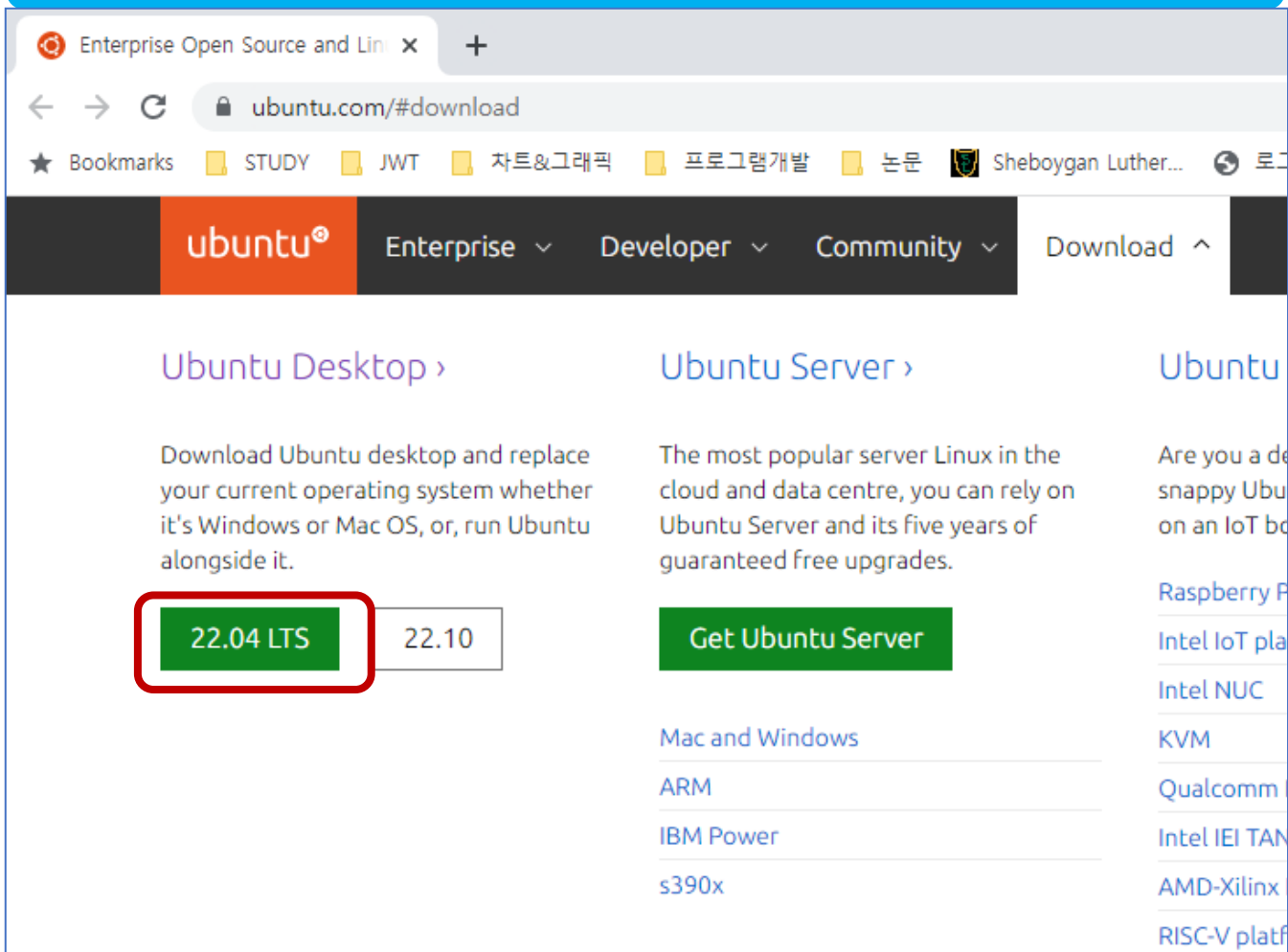
VirtualBox 7.0.10 Oracle VM VirtualBox Extension Pack

- [All supported platforms](#)

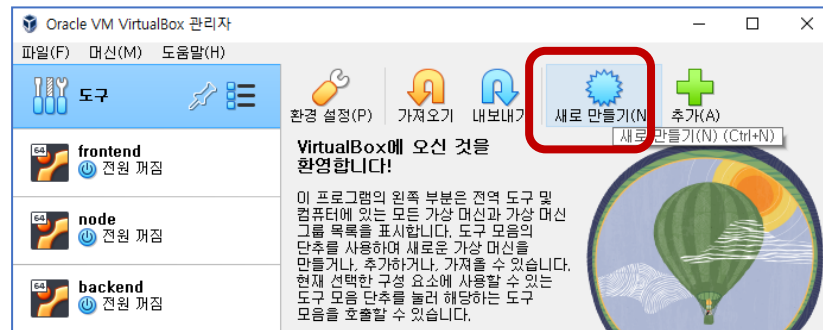
Support VirtualBox RDP, disk encryption, NVMe and PXE boot for Intel cards. See [this chapter from the User Manual](#) for an introduction to this Extension Pack. The Extension Pack binaries are released under the [VirtualBox Personal Use and Evaluation License \(PUEL\)](#). *Please install the same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

Ubuntu 설치

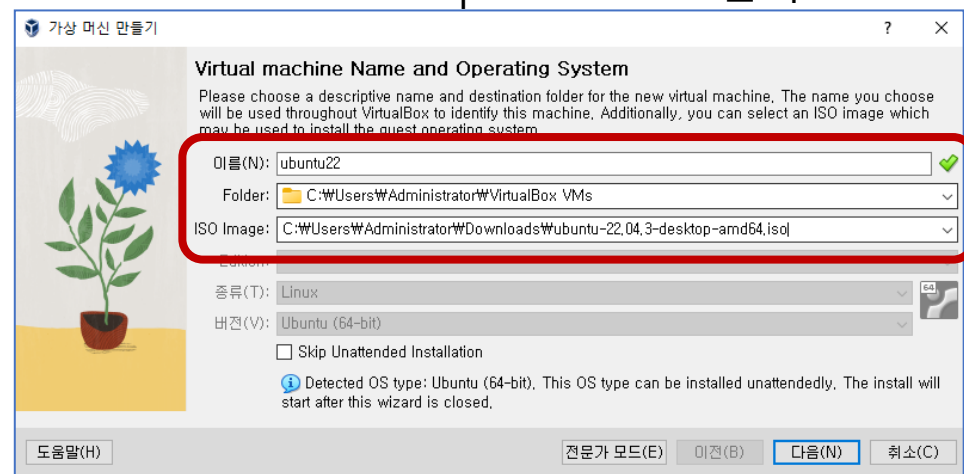
<https://ubuntu.com/#download>



VirtualBox 관리자에서 [새로만들기] 클릭

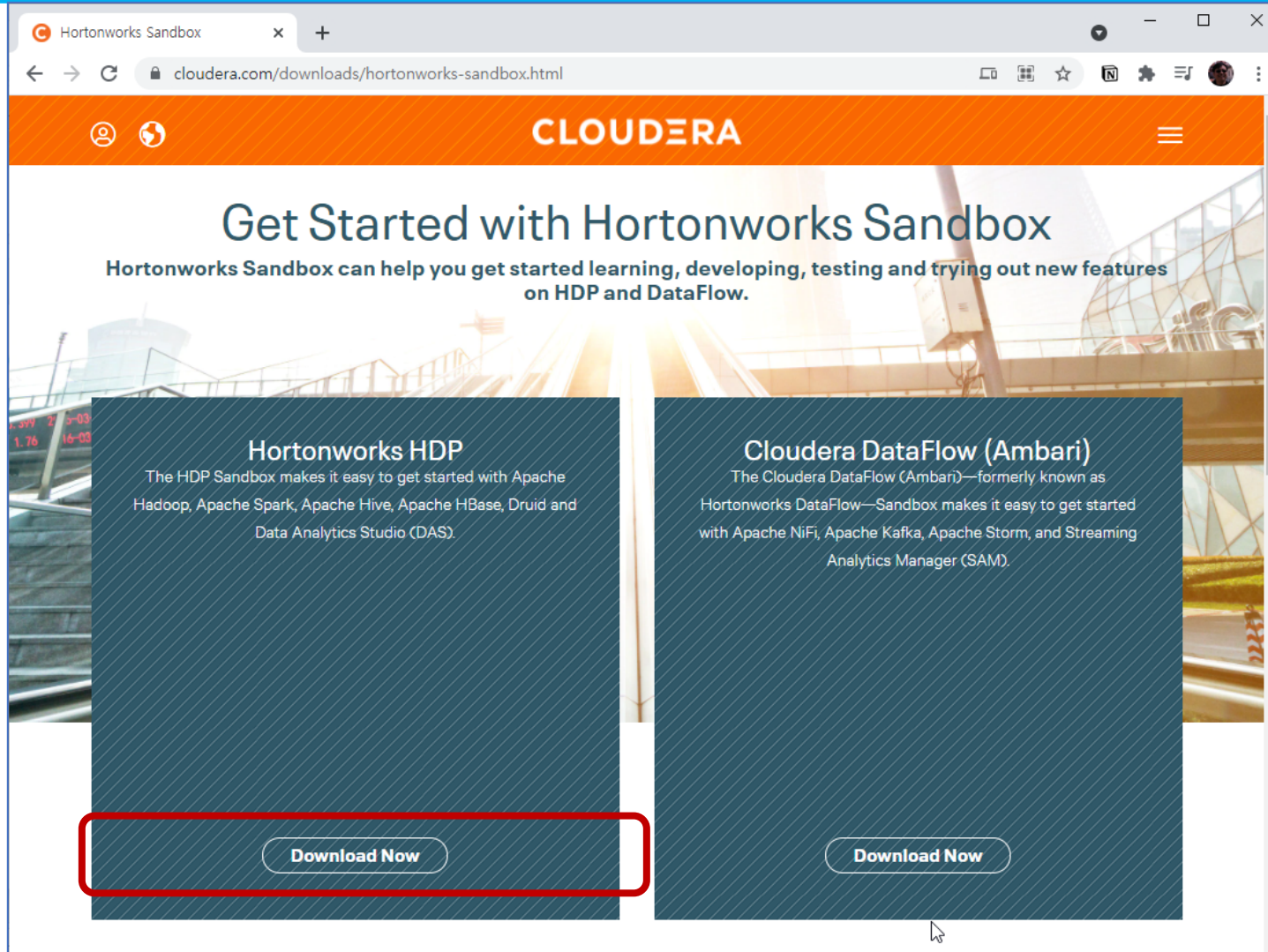


서버 이름 입력
설치 위치 선택
ubuntu-22.04.3-desktop-amd64.iso 선택

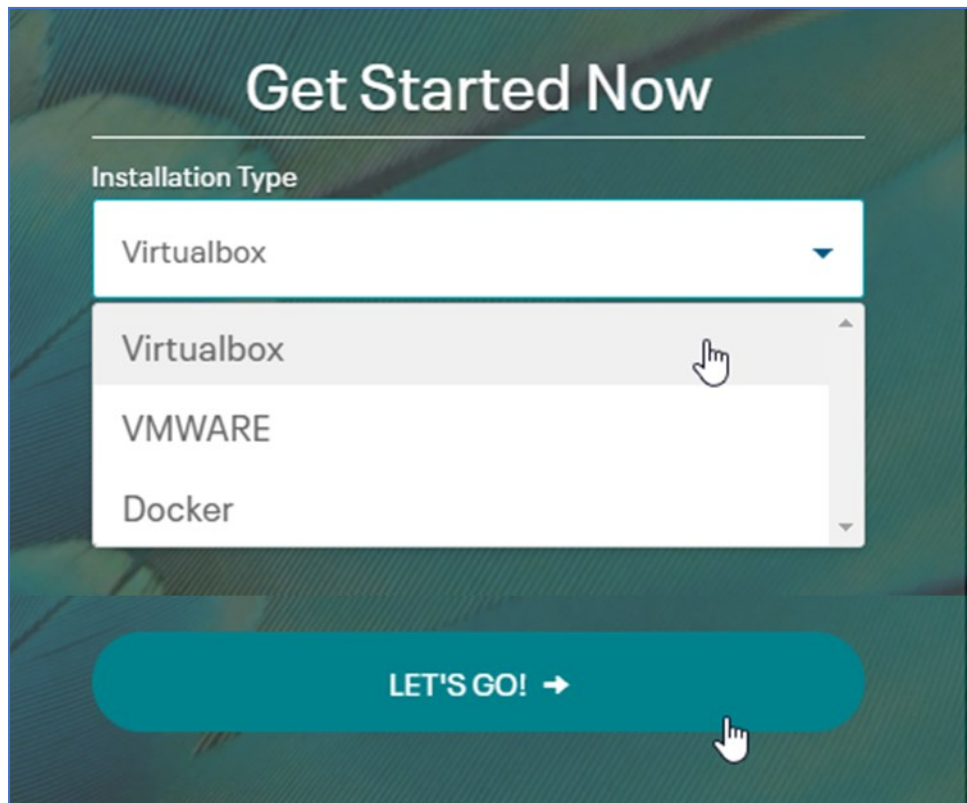


HDP(Hortonworks Data Platform) 다운로드

<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

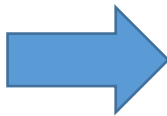
Sandbox HDP Virtualbox Downloads

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

Direct Download Link : https://archive.cloudera.com/hwx-sandbox/hdp/hdp-2.6.5/HDP_2.6.5_virtualbox_180626.ova