

我們與R的距離

Microsoft Azure Notebook 使用教學

Microsoft Azure Notebook

Website : <https://notebooks.azure.com/>

Microsoft Azure Notebooks Preview

My Projects

Help

Sign In

Develop and run code from anywhere with Jupyter notebooks on Azure.

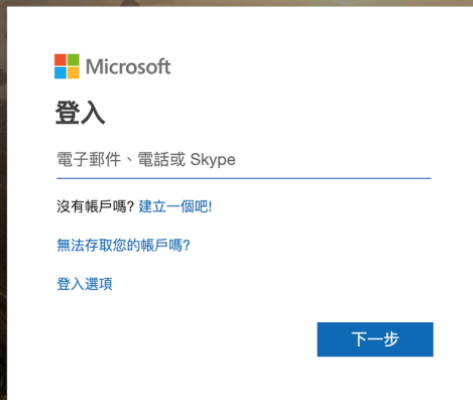
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Azure Notebook -- 登入

需要一個 Microsoft 帳號，來登入



Microsoft

登入

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無法存取您的帳戶嗎?

[登入選項](#)

下一步

Azure Notebook -- 新增 Project

The screenshot shows the Microsoft Azure Notebooks interface. The top navigation bar includes 'Microsoft Azure Notebooks', 'Preview', 'My Projects', and 'Help'. The user's profile 'sinue625' is in the top right. The main heading is 'My Projects'. Below it are buttons for 'Run', 'Download', and 'Delete'. A table lists projects, with one visible: 'GlobalAI_AutomatedML'. A modal dialog titled 'Create New Project' is open in the center. It contains a 'Project Name' field with 'R_DragonBall', a 'Project ID' field with 'sinue625/projects/r-dragonball', a 'Public' checkbox, and an 'Initialize this project with a README' checkbox. The 'Create' button is at the bottom right of the dialog. In the background, the '+ New Project' button is highlighted with a pink box and labeled with a pink '1'.

Microsoft Azure Notebooks Preview My Projects Help sinue625

My Projects

Run Download Delete

Name

GlobalAI_AutomatedML

Showing 1 project

Product

What's new

Status

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Create New Project

You can create a blank project where your notebooks and files will be placed

Project Name

R_DragonBall

Project ID

sinue625/projects/r-dragonball

☐ Public

Private projects cannot be viewed by other users. Public projects can be viewed by anyone who has the URL. Public projects will also be listed in your profile. You can update this setting later if you change your mind.

☒ Initialize this project with a README

Create Cancel

+ New Project Upload GitHub Repo

Modified On Created On

Dec 15, 2018 Dec 15, 2018

Azure Notebook -- Project(R_DragonBall)

Microsoft Azure Notebooks PreviewMy ProjectsHelp

rladiestipaiei

< > My Projects > R_DragonBall

R_DragonBall

Clone 0Star 0

Status: Stopped

Project SettingsDownload ProjectShare

Run on Free Co...Search files, notebooks..Show hidden itemsTerminalNewUpload

✓	Name	File Type	Modified On	Created On
	README.md	Markdown	Jul 20, 2019	

Showing 1 file

Product
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Communication
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Jupyter.org

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Azure Notebook -- 上傳資料集

The screenshot displays the Azure Notebook interface for a project named **R_DragonBall**. The breadcrumb navigation shows **My Projects > R_DragonBall**. The project name **R_DragonBall** is prominently displayed at the top. To the right of the project name are buttons for **Clone** (with a count of 0) and **Star** (with a count of 0). Below the project name, the status is **Running on Free Compute**. There are links for **Project Settings**, **Download Project**, and **Share**. A toolbar contains buttons for **Run on Free Co...**, **Shutdown**, a search bar for files and notebooks, **Show hidden items**, **Terminal**, **+ New**, and **Upload**. The **Upload** button is highlighted with a red box, and its dropdown menu is open, showing **From URL** and **From Computer** options, both also highlighted with red boxes. Below the toolbar, a table lists files with columns for **Name**, **File Type**, and **Modified On**. One file, **README.md**, is listed with a **Markdown** file type and a modification date of **Jul 20, 2019**. The footer contains links for **Product** (What's new, Status, Help), **Communication** (FAQ, Contact us, Jupyter.org), and **Legal** (Privacy and cookies, Terms of use, Trademarks). The copyright notice **© 2019 Microsoft** is at the bottom left, and the URL **https://notebooks.azure.com** is in the bottom left corner.

My Projects > R_DragonBall

R_DragonBall

Status: Running on Free Compute

Project Settings Download Project Share

Run on Free Co... Shutdown

Search files, notebooks.. Show hidden items Terminal + New Upload

From URL From Computer

✓	Name	File Type	Modified On
	README.md	Markdown	Jul 20, 2019

Showing 1 file

Product

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Communication

- FAQ
- Contact us
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Azure Notebook --上傳資料集 (Train)

Upload files from URL

Fill in the URL to upload file to your project.

File Url

https://github.com/rladiestaipai/R_DragonBall/blob/master/train.csv

File Name

train.csv

+ Add File

Done Cancel

https://github.com/rladiestaipai/R_DragonBall/blob/master/train.csv

Azure Notebook --上傳資料集 (Test)

Upload files from URL

Fill in the URL to upload file to your project.

File Url

https://github.com/rladiestaipai/R_DragonBall/blob/master/test.csv

File Name

test.csv

+ Add File

Done Cancel

R_DragonBall

Status: Running on Free Compute

Run on Free Co... Shutdown

Showing 2 files

Name	Modified On	Created On
README.md	Jul 20, 2019	
train.csv	Aug 15, 2019	

Product

What's new

Status

Help

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Azure Notebook -- 開始使用 Notebook

The screenshot shows the Azure Notebook web interface. At the top, the breadcrumb navigation is 'My Projects > R_DragonBall'. The project name 'R_DragonBall' is displayed prominently, with 'Clone' and 'Star' buttons to its right. Below the project name, the status is 'Running on Free Compute'. Action buttons include 'Project Settings', 'Download Project', and 'Share'. A control bar contains 'Run on Free Co...' and 'Shutdown' buttons. A search bar and 'Show hidden items' button are also present. The 'Terminal' button is highlighted, and a 'New' dropdown menu is open, showing options: 'Notebook', 'Folder', 'Blank File', and 'Markdown'. The 'Notebook' option is selected. Below this, a table lists files: 'README.md' (Markdown), 'test.csv' (CSV), and 'train.csv' (CSV, dated Aug 15, 2019). The footer contains three columns: 'Product' (What's new, Status, Help), 'Communication' (FAQ, Contact us, Jupyter.org), and 'Legal' (Privacy and cookies, Terms of use, Trademarks). The URL 'https://notebooks.azure.com' and the Microsoft logo are at the bottom left.

My Projects > R_DragonBall

R_DragonBall

Status: Running on Free Compute

Project Settings Download Project Share

Run on Free Co... Shutdown

Search files, notebooks.. Show hidden items Terminal New

Notebook Folder Blank File Markdown

✓	Name	File Type	
	README.md	Markdown	
	test.csv	CSV	
	train.csv	CSV	Aug 15, 2019

Showing 3 files

Product

- What's new
- Status
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Communication

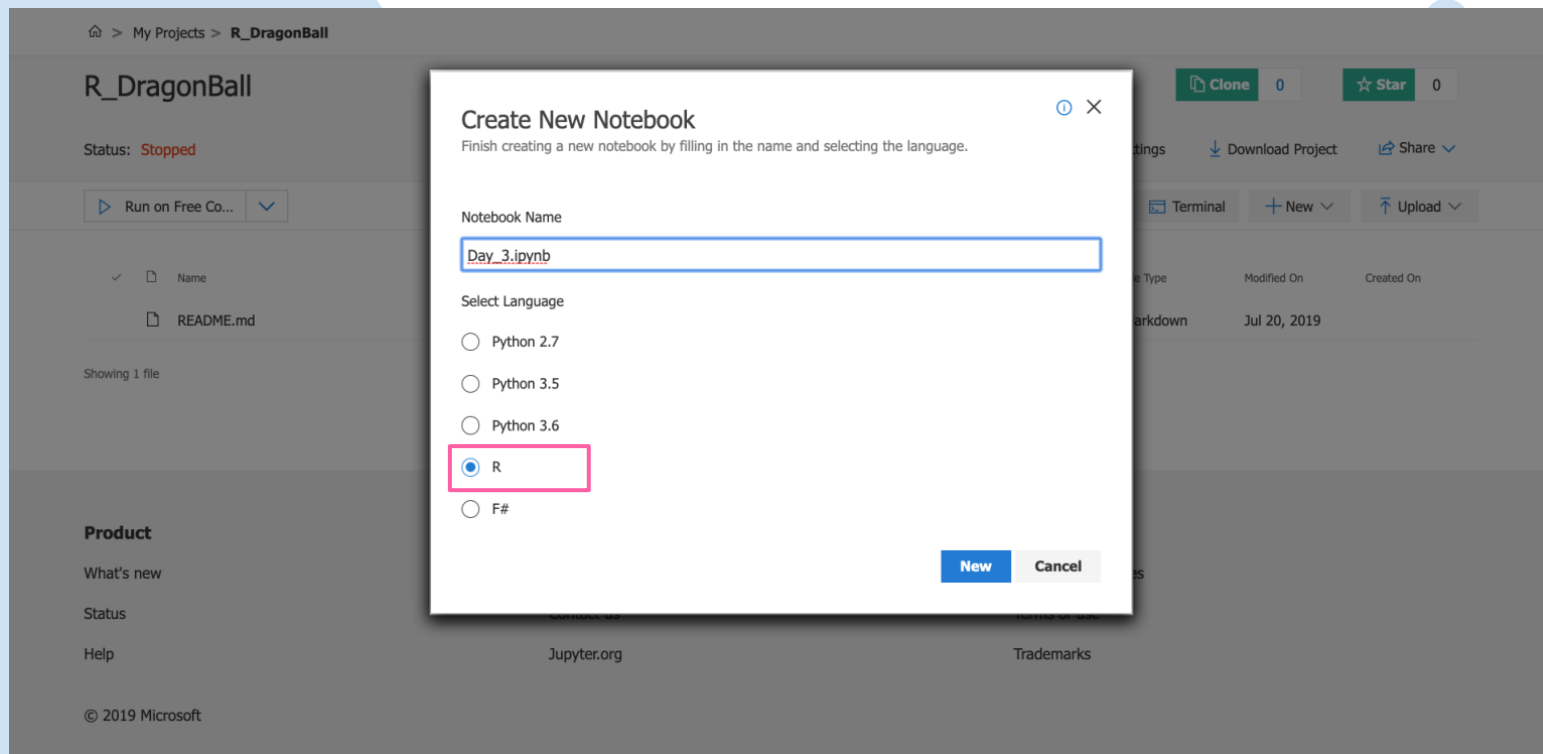
- FAQ
- Contact us
- Jupyter.org

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<https://notebooks.azure.com> Microsoft

Azure Notebook -- 新增 Notebook



Azure Notebook -- Notebook with R

The screenshot displays the Azure Notebook interface, which is powered by Jupyter. The top bar indicates the notebook is named "Day_3" and has unsaved changes. The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. Below the menu is a toolbar with icons for file operations, cell navigation, and execution. The main area shows a code cell with the prompt "In []:" and a text input field. An arrow points to this cell with the text "◆ 一個 cell (區塊)". A pink box in the top right corner shows the R logo and the text "R_DragonBall", with a pink label "確認是 R" below it.

Powered by jupyter Day_3 (unsaved changes)

File Edit View Insert Cell Kernel Widgets Help

Enter/Exit RISE Slideshow

In []:

◆ 一個 cell (區塊)
執行：Ctrl + Enter or Shift + Enter

R_DragonBall
Not Installed

確認是 R

Azure Notebook -- Notebook with R



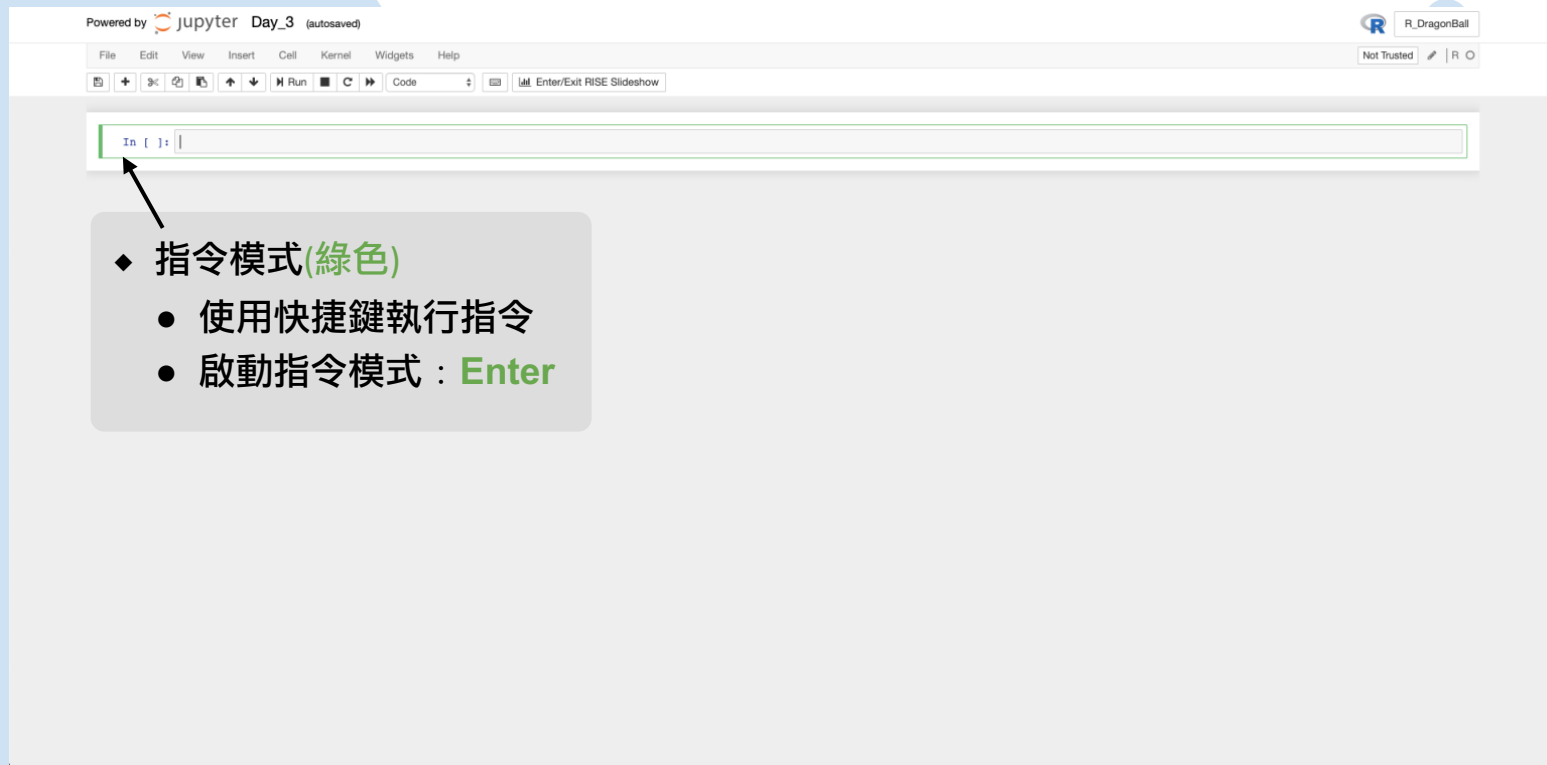
◆ 指令模式(藍色)

- 使用快捷鍵執行指令
- 啟動指令模式：**Esc**

◆ 指令模式下快速鍵

- 上方新增一個 cell：**A**
- 下方新增一個 cell：**B**
- 刪除一個 cell：**DD**
- 複製一個 cell：**C**
- 貼上一個 cell：**V**
- 啟動 Code 模式：**Y** (程式碼撰寫及執行程式)
- 啟動 Markdown 模式：**M** (可以做筆記；Markdown 語法介紹)

Azure Notebook -- Notebook with R



The screenshot shows the Jupyter Notebook interface. At the top, it says "Powered by jupyter Day_3 (autosaved)". The menu bar includes File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. Below the menu bar is a toolbar with icons for adding, deleting, and running cells, as well as a dropdown menu for "Code". The main area shows a single code cell with a green border and the prompt "In []: |". A callout box with a green border and a black arrow pointing to the cell contains the following text:

- ◆ 指令模式(綠色)
 - 使用快捷鍵執行指令
 - 啟動指令模式：Enter