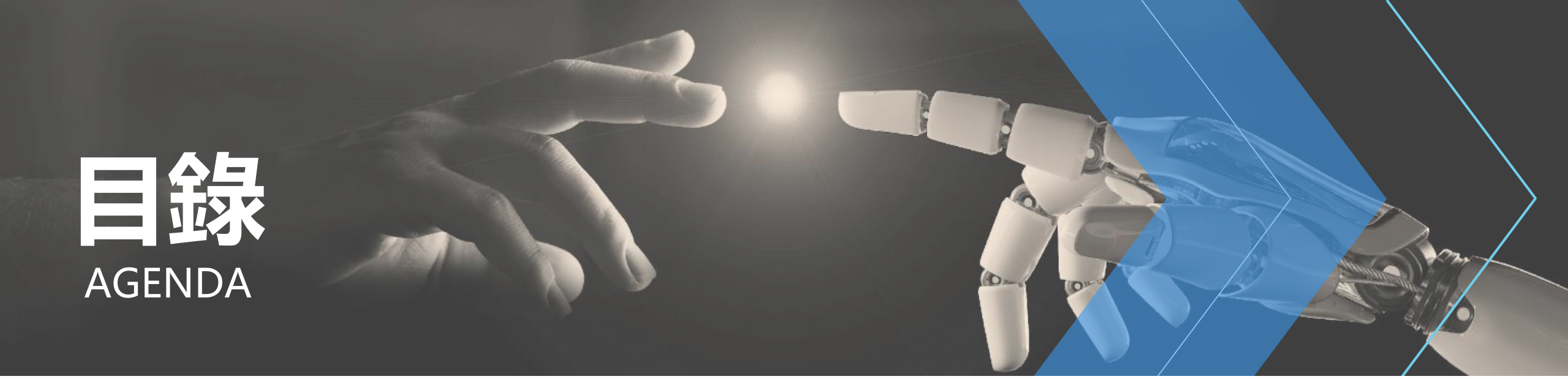
人工智慧科技基金會

# Python

IDE, Basic Syntax, Datatype, Operators

**PRESENTED BY**
**AI Foundation**



# 目錄
AGENDA

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# Python

# Which Programming Language do you want to learn?

## C

```c
# include <stdio.h>

int main(void){
    printf("Hello World!")
}
```

編譯語言(Compiled language)

## C++

```cpp
# include<iostream>
using namespace std;

int main()
{
    count << "Hello World!" << endl;
    return 0
}
```

## Java

```java
class HelloWorld
{
    public static void main(String[] args)
    {
        System.out.println("Hello World!");
    }
}
```

## Python

```python
print("Hello World!")
```

直譯語言(Interpreted language)

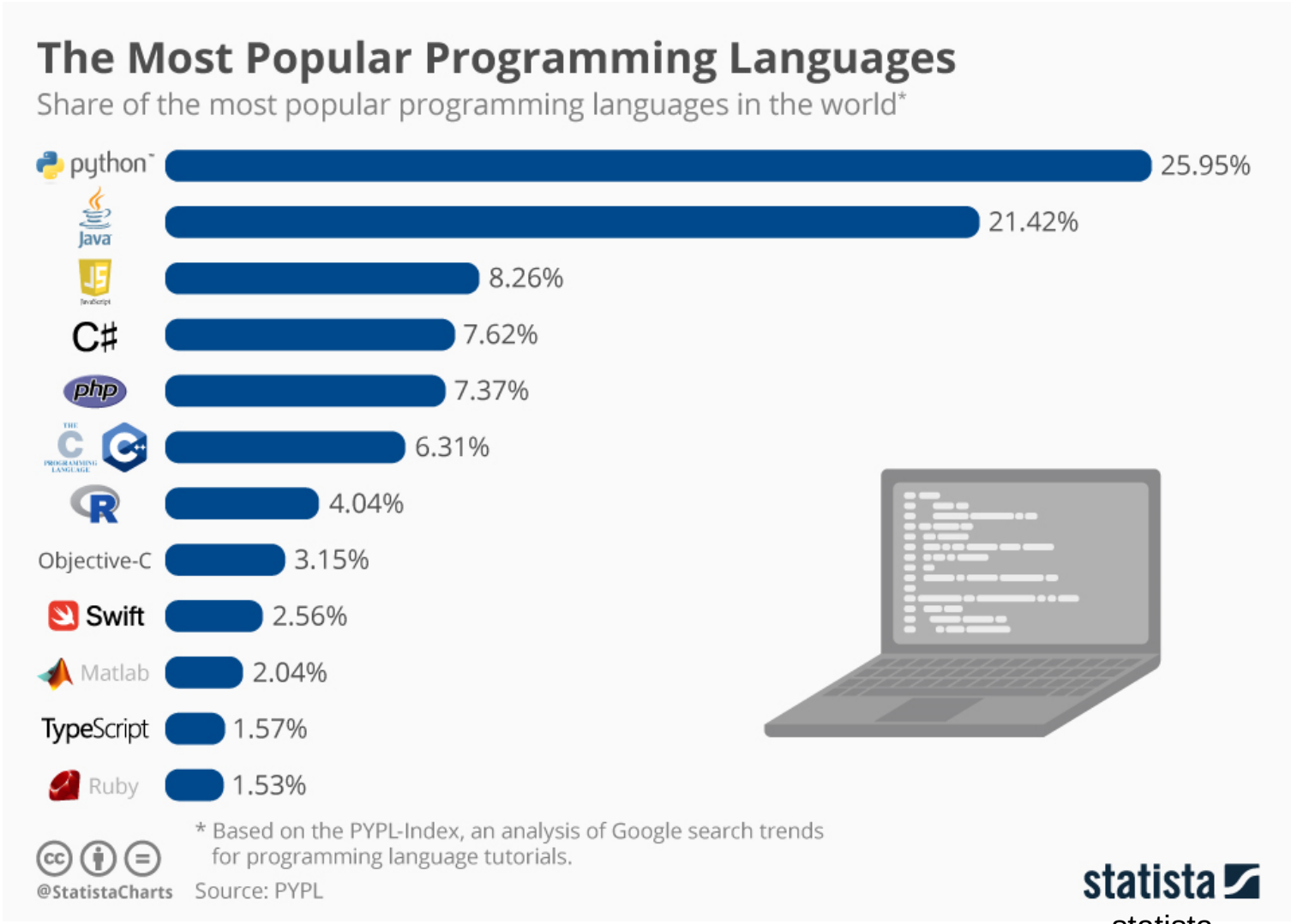
# Python packages






python


# The Most Popular Programming Languages




statista

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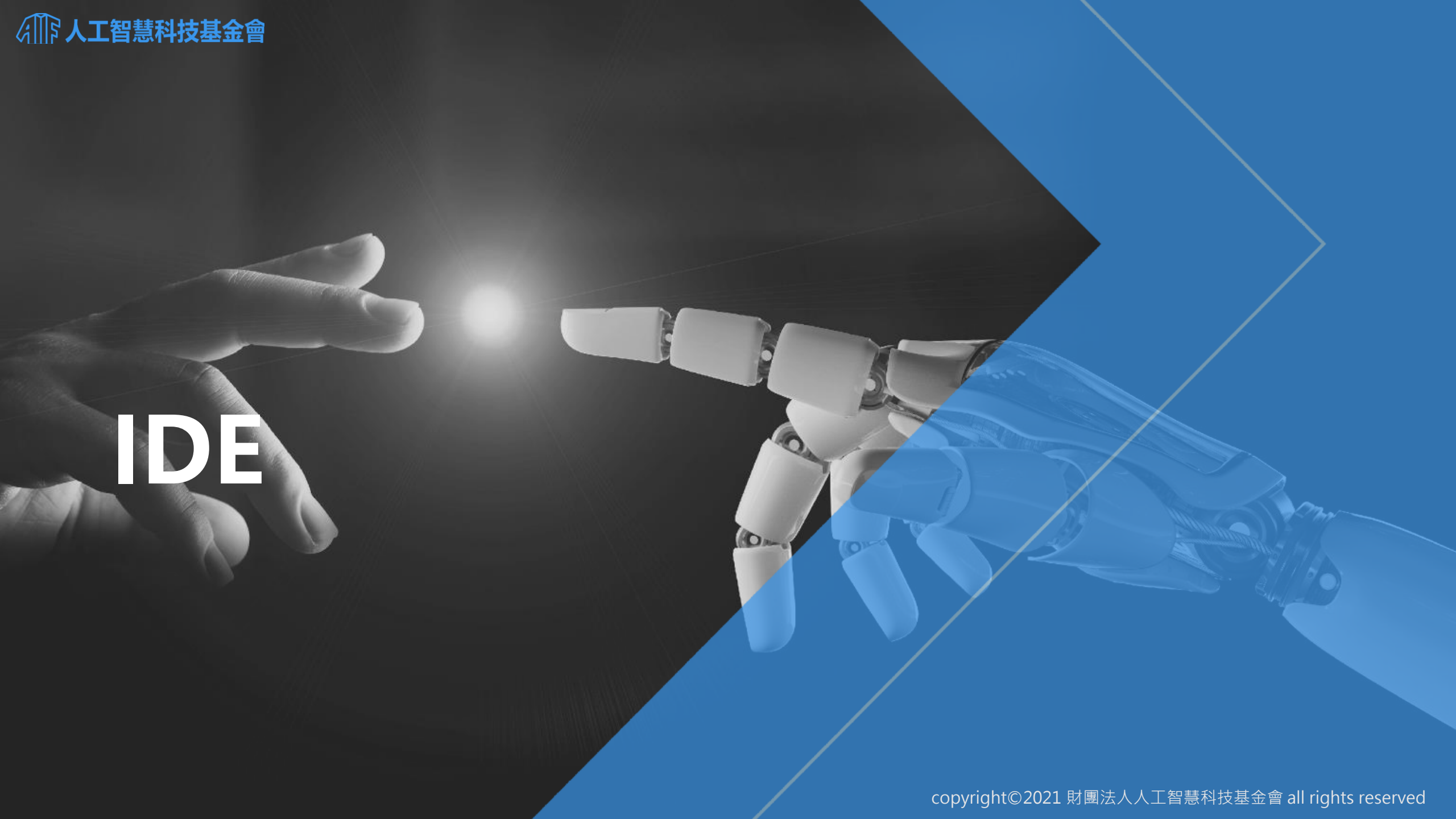


# IDE

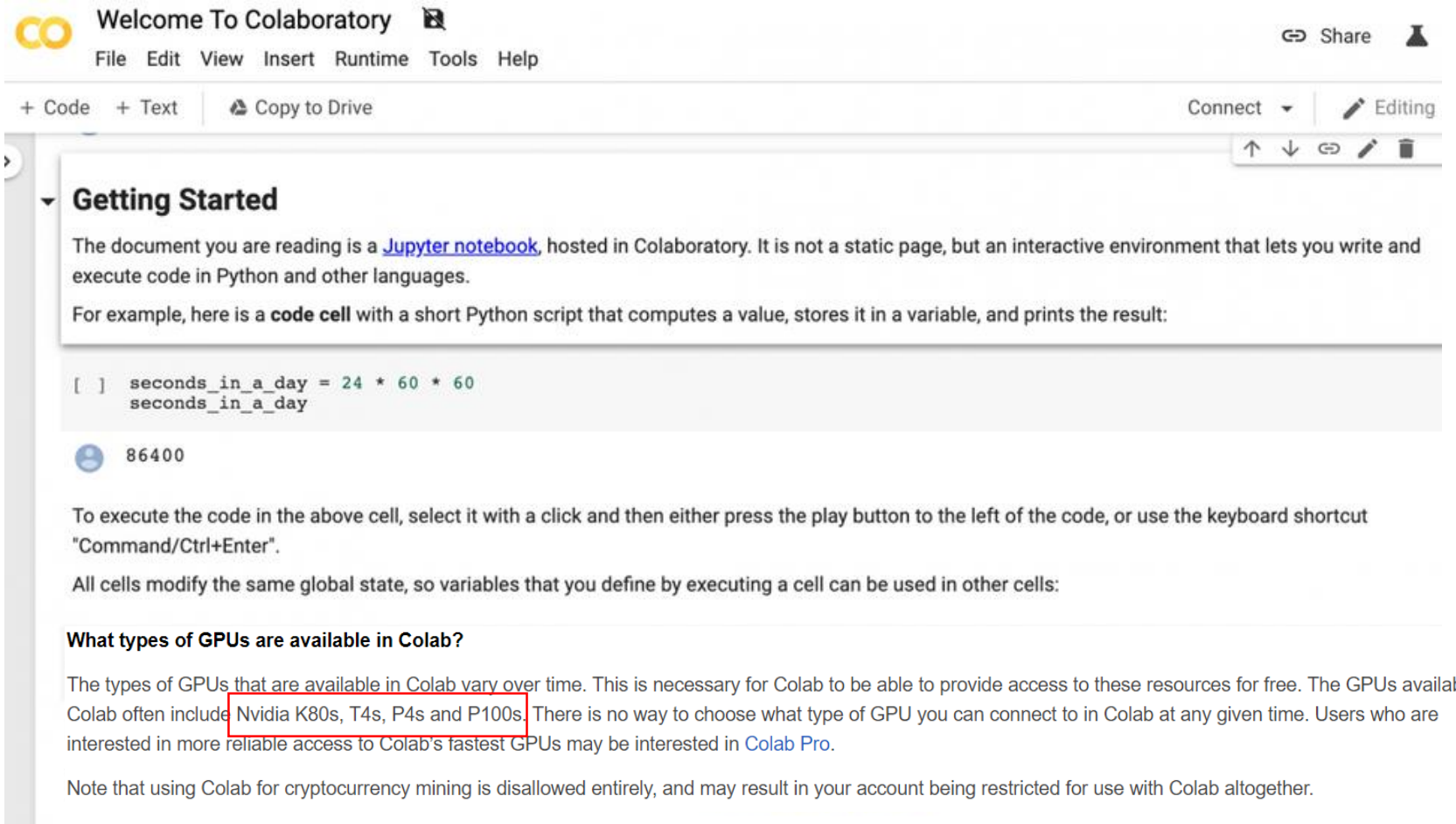
# IDE (Integrated Development Environment)



Visual Studio Code

# Online Platforms

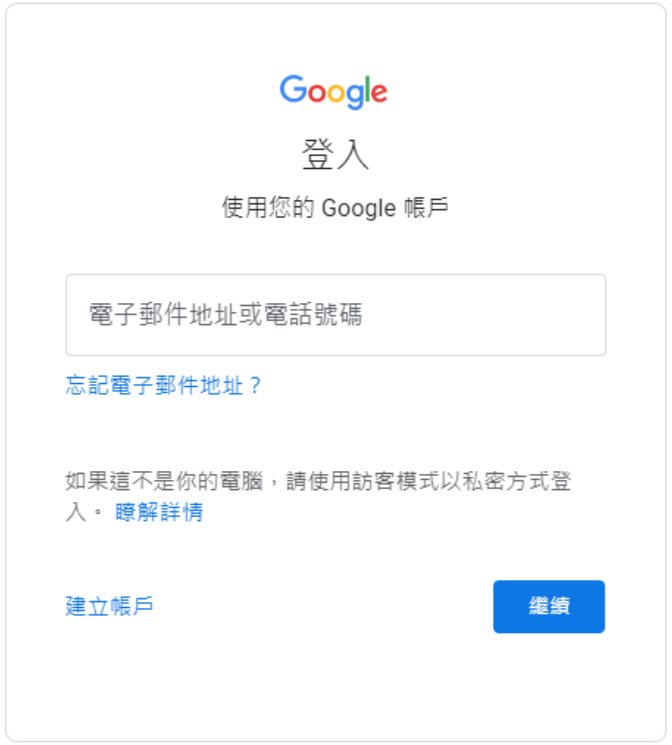
## Google Colaboratory




https://research.google.com/colaboratory/faq.html

# How to use colab?

1. 登入Google帳戶。



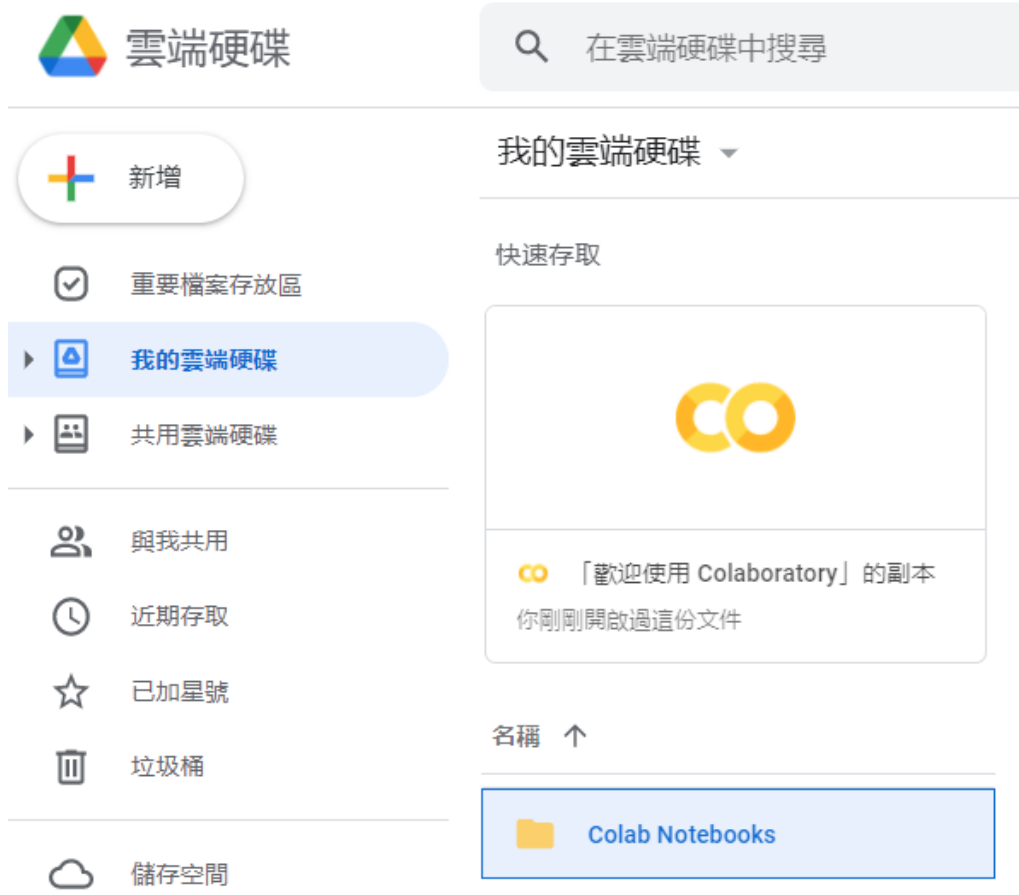

2. 進入任意colab頁面。

# How to use colab?

3. 進入的頁面即是可以撰寫Python的環境(記事本 Notebook)，
   點選選單列的”檔案”>”新增筆記本”，或”在雲端硬碟中儲存複本”。

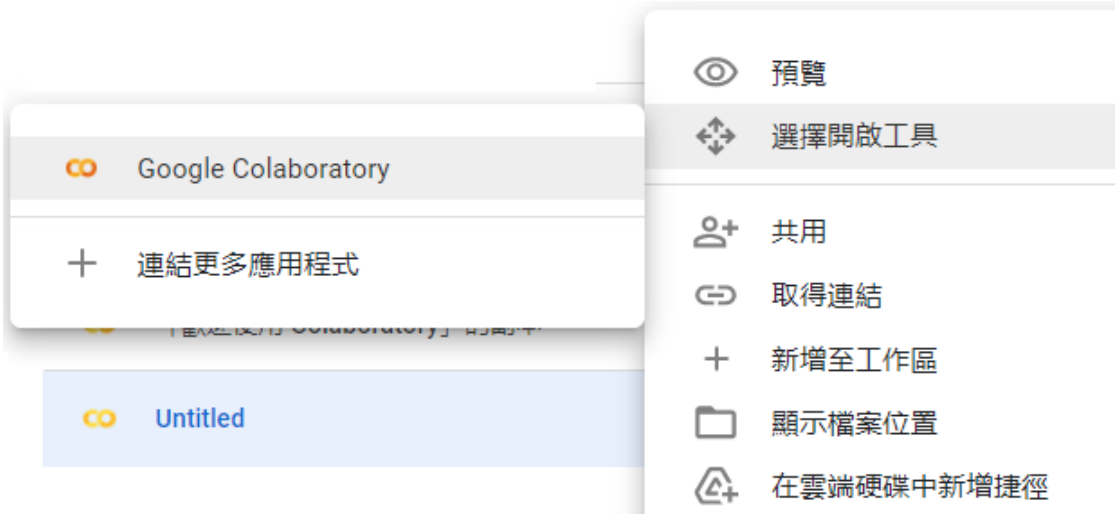
# How to use colab?

4. 新增的筆記本會自動存於你的google雲端硬碟中，
   開啟雲端硬碟頁面，進到我的雲端硬碟，
   可以看到已經自動建立
   Colab Notebooks資料夾。



# How to use colab?

5. 進到資料夾中可以看到剛才建立的檔案，
   點兩下 或 右鍵>選擇開啟工具>Google Colaboratory 開啟檔案




6. 可以在線上編寫程式啦~