

# Python tutorial

**NTPU GMBA WORKSHOP**

**James Chiang**

# Content

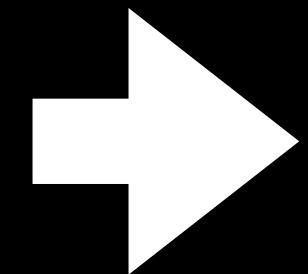
- What is PROGRAMMING?
- Basic Python
- Pandas & Numpy
- Matplotlib
- Machine learning

# What is PROGRAMMING?



# What is PROGRAMMING?

Tell the computer what it should do

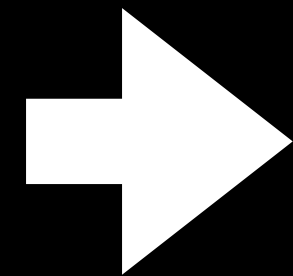


**Data : Ingredient**

**Program : Recipes**

# What is PROGRAMMING?

- 1.Lines of instruction
- 2.Control flow
- 3.When should it terminate



## *How to copy a report?*

Create a file called “my report”

Open the file “my friend’s report”

If the file is empty:

Pass

Else:

While we do not reach the end:

Read the sentence

Write the sentence on “my report”

Jump to the next sentence