



# WOMEN WHO CODE<sup>®</sup> SINGAPORE

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[www.womenwhocode.com/singapore](http://www.womenwhocode.com/singapore)

[facebook.com/groups/wwcodesingapore](https://facebook.com/groups/wwcodesingapore)

# OUR MISSION

Inspiring women to  
excel in technology  
careers.

WOMEN WHO  
CODE





# OUR GOALS

To Provide women with an **avenue** into tech

To Empower women with the **skills** they need for professional advancement.

To Build environments where **networking** and **mentorship** are valued.

To Create a global community to **support** women in tech wherever they live.

“DEAR WOMEN, WE NEED YOU” -The Tech Industry

## WHAT WE DO . . .

Organise technical events

#ApplaudHer

Code Review (Newsletter)

Scholarships

Conference Tickets

Job board



# THANK YOU TO OUR HOST



# AND OUR SPONSOR



# WOMEN WHO CODE

YUE LIN CHOONG

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# PYTHON



1. INSTALL ANACONDA

OR

PYTHON3 & JUPYTER NOTEBOOK

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2. CLONE OR DOWNLOAD:

[HTTPS://GITHUB.COM/WWCODESG/PYTHON-TUTORIALS](https://github.com/wwcodesg/python-tutorials)

### WHY PYTHON

- ▶ Consistency
- ▶ Readability
- ▶ Easy to change
- ▶ Functional object oriented
- ▶ Complete set of:-
  - ▶ Code Style guidelines
  - ▶ Pythonic idioms

### TO BE PYTHONIC

- ▶ Explicit coding
- ▶ One statement per line
- ▶ Avoid:-
  - ▶ Change how objects are created
  - ▶ Change how interpreter imports
  - ▶ Embed C routines in Python
- ▶ Responsible coders



## BASICS

- ▶ Jupyter Notebook
- ▶ Syntax
- ▶ Data Types and Structures
- ▶ Operations
- ▶ Loops
- ▶ Module

### Workshop:

- ▶ Word Cloud

# THE PYTHON DATA MODEL

- ▶ Description of python as a framework
- ▶ Formalises the interfaces of the building blocks of the language

## SPECIAL METHOD

- ▶ Python's standard operations
- ▶ Special method names are written in leading and trailing double scores
- ▶ To be called by python interpreter

## BASICS

- ▶ Functions
- ▶ File Input Output
- ▶ Modules
- ▶ Classes

### Workshop:

- ▶ Card Deck

Thank you 🥳

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**Coming soon ...**

**Our next event:**

**Data Scrapping & Cleaning in  
Python**

**Weekly session:**

**Social Coding Monday**