



WOMEN WHO CODE[®] SINGAPORE

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www.womenwhocode.com/singapore

facebook.com/groups/wwcodesingapore

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[wwcodesg mailing list](#)

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

PYTHON



1. INSTALL ANACONDA

OR

PYTHON3 & JUPYTER NOTEBOOK

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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WOMEN WHO
CODE

Coming soon ...

Our next event:

Data Scrapping & Cleaning in
Python

Weekly session:

Social Coding Monday

www.codesg.slack.com

[www.codesg mailing list](#)

[workshop assistant volunteer](#)