WOMEN WHO CODE

SINGAPORE

@wwcodesingapore

singapore@womenwhocode.com

www.womenwhocode.com/singapore

facebook.com/groups/wwcodesingapore

wwcodesg.slack.com

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

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 😊
yuelin@womenwhocode.com

WOMEN WHO
CODE

Coming soon ...

Our next event:

Data Scraping & Cleaning in Python

Weekly session:

Social Coding Monday