

Python Libraries 101 Session

Hi, we are



Soumya Vemuri

CSE Student



Shermaine Ang

EIE Freshman at Imperial
College London

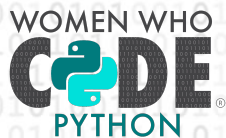


Karen Wong

Programmer at R&D
Company

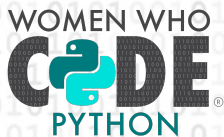
Our Mission

Inspiring women to
excel in technology
careers.



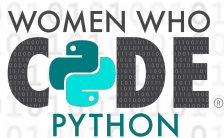
Our Vision

A world where diverse women are better represented as engineers and tech leaders



Our Target

Engineers with two or more years of experience looking for support and resources to strengthen their influence and levelup in their careers.



Code of Conduct

WWCode is an inclusive community, dedicated to providing an empowering experience for everyone who participates in or supports our community, regardless of gender, gender identity and expression, sexual orientation, ability, physical appearance, body size, race, ethnicity, age, religion, socioeconomic status, caste, creed, political affiliation, or preferred programming language(s).

Our events are intended to inspire women to excel in technology careers, and anyone who is there for this purpose is welcome. We do not tolerate harassment of members in any form. Our [Code of Conduct](#) applies to all WWCode events and online communities.

Read the full version and access our incident report form at womenwhocode.com/codeofconduct

WOMEN WHO **CODE**® /connect

CONNECT Forward 2021

November 18 & November 19, 2021

Join the largest and most active community of technical women for two days of career advancement, connection, and more!

REGISTER

Register
here:



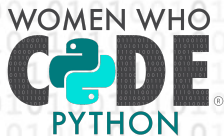
Get 50% off your Member ticket!
Promo Code: **WWCODEPYTHON**



Python Libraries 101

DATA VISUALIZATION
GRAPHICAL USER INTERFACES
IMAGES
COMPUTER VISION
EXCEL WORKBOOKS

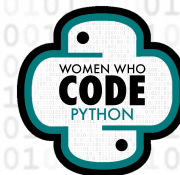
EVERY SATURDAY
@ 10AM EDT





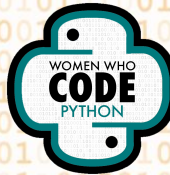
Karen Wong

Programmer
WWC Python Track Lead





Microsoft Excel



Spreadsheets

Pros

- The most popular tool to display and manipulate our data in an organized way
- Provides great lists of functions to manage our data

Cons

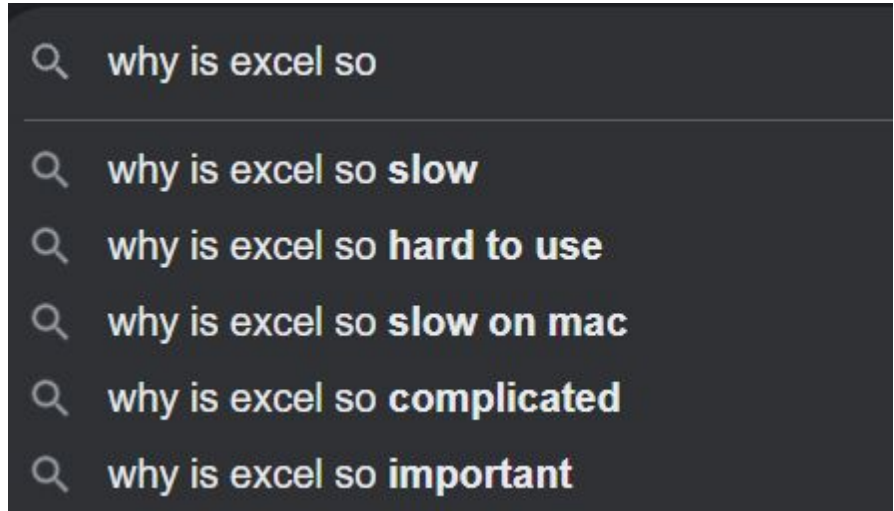
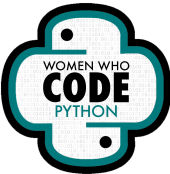
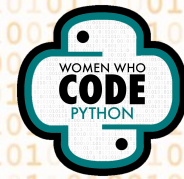


Image: Google Search

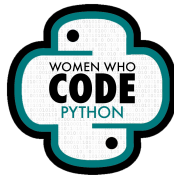


Openpyxl



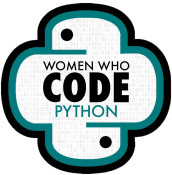
Openpyxl

- a Python library that read/write natively the Microsoft Excel files
 - extension .xls, .xlsx, .xlsm, .xltx and .xltm
- written based on PHPExcel
- Provides advanced feature like charts and styles, even conditional formatting and Excel formulas
- Can use functions alongside numpy and pandas
- an alternative (clearer) way to automate processes such as creating / editing tables or charts

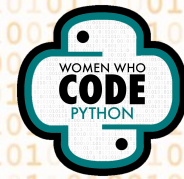


Openpyxl Basic Functions

- Read / Write Excel File
- Insert / Delete Data
- Integration with Numpy and Pandas (csv data)
- Make charts



QnA Time!



Let's Code!



Upcoming Events

SAT
23
OCT

Bytes n' Brew II

📍 Online | Python | 9:30 PM - 10:30 PM IST (UTC+0530)

Register

FRI
29
OCT

Introduction to Python for Automating Business & Financial Processes with Liberty

Mutual *Featured*

📍 Online | Python | 2:30 AM - 3:30 AM IST (UTC+0530)

Register

FRI
05
NOV

🌟 LeetCode Series Study Group 🌟 *Featured, Recurring*

📍 Online | Python | 5:30 AM - 7:00 AM IST (UTC+0530)

Register

Follow us

Register for Events and Join our community -

womenwhocode.com/python

Email - python@womenwhocode.com

Social Media: 



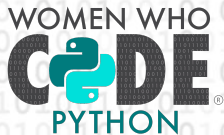
@WWCodePython



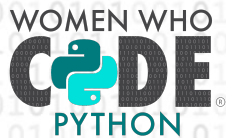
Women Who Code Python



@WWCodePython



Thank you!



Let us know how we're doing!

