

Introduction to Qt:

How to Create Your First Interface

Session 03

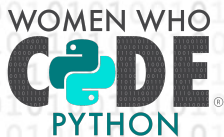
Our Mission

Inspiring women to
excel in technology
careers.



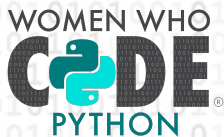
Our Vision

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.



290,000

Members

70 networks in 20 countries

122+ countries

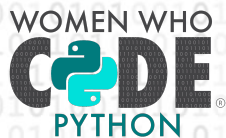
14K+ events

\$1025 daily Conference tickets

\$2M Scholarships

Access to [jobs](#) + [resources](#)

Infinite connections



OUR MOVEMENT

As the world changes, we
can be a connecting force
that creates a sense of
belonging while the world is
being asked to isolate.



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

Upcoming Events

THU
10
FEB

🌟 Ask Me Anything with a Python Software Engineer – Yashika Sharma

🌟 *Featured*

📍 Online | Python | 2:00 PM – 3:00 PM PST (UTC-0800)

Organized By: WWCode Python

WED
16
FEB

Machine Learning Study Group Webinar Series *Featured, Recurring*

📍 Online | Data Science | 8:00 AM – 9:30 AM PST (UTC-0800)

Organized By: WWCode Data Science | WWCode Python

THU
17
FEB

🌟 LeetCode Series Study Group 🌟 *Featured, Recurring*

📍 Online | Python | 5:00 PM – 6:30 PM PST (UTC-0800)

Organized By: WWCode Python | WWCode Career Nav

SAT
19
FEB

Bytes n' Brew I – Build Your Community Presence *Featured*

📍 Online | Data Science | 12:00 AM – 1:00 AM PST (UTC-0800)

Organized By: WWCode Blockchain | WWCode Data Science | WWCode Python

SAT
19
FEB

Bytes n' Brew II – Build Your Community Presence *Featured*

📍 Online | Data Science | 8:00 AM – 9:00 AM PST (UTC-0800)

Organized By: WWCode Blockchain | WWCode Data Science | WWCode Python

Follow us

Register for Events and Join our community -

womenwhocode.com/python

Email - python@womenwhocode.com

Social Media: 



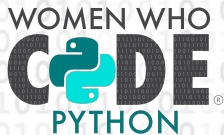
@WWCodePython



Women Who Code Python



@WWCodePython



Introduction to

LEARN HOW TO
CREATE YOUR
FIRST INTERFACE!



FEBRUARY 8 TH,
2022 - 9 PM ET

WOMEN WHO
CODE
PYTHON



WOMEN WHO
CODE
PYTHON

Hi! I'm Jessica

[linkedin.com/in/jessicakoubi](https://www.linkedin.com/in/jessicakoubi)



Creating our virtual environment

- Clone the *talk_introduction_to_qt* repository.
- Create a virtual environment using venv.
- Install the required packages with pip.

```
git clone git@github.com:jessicakoubi/talk_introduction_to_qt.git
cd talk_introduction_to_qt

python -m venv env
source env/bin/activate

pip install -r requirements.txt
```

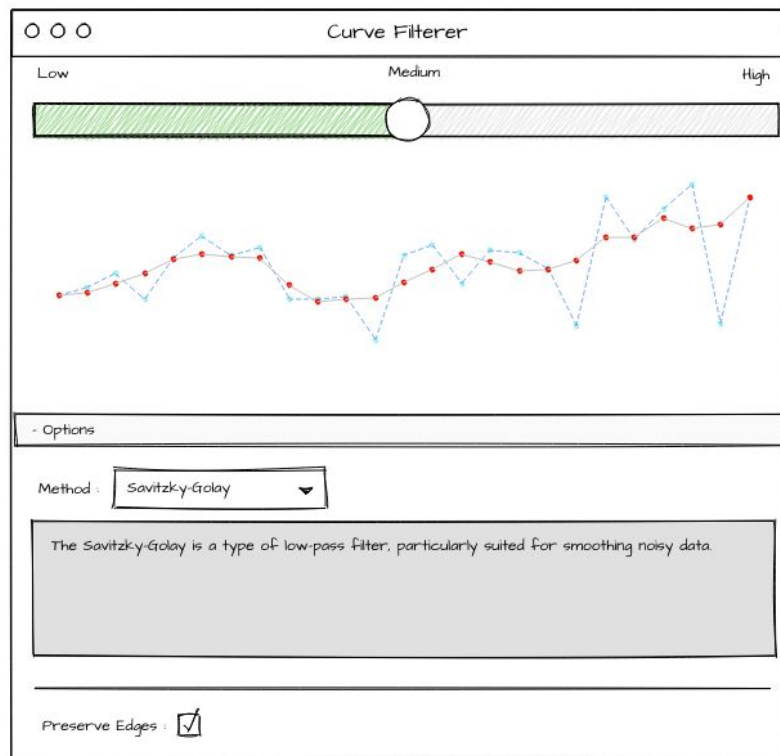
Curve Filterer: Part 1

- Code available at:
https://github.com/jessicakoubi/talk_introduction_to_qt/blob/main/src/session_03

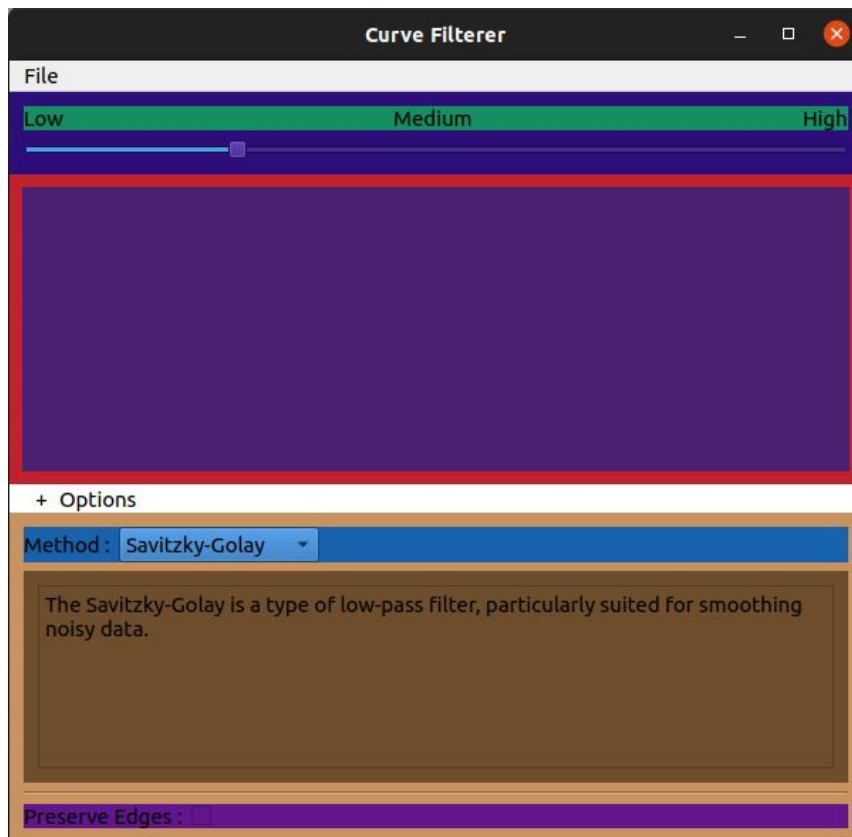
Core Functions

- Open/Save a curve file.
- Select the smoothing intensity.
- Select the algorithm to use.
- Preview the result of the smoothing filter.

Mock-up vs End Result

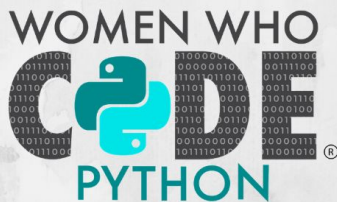


Layout Planning



Q&A

Stay Connected



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@WWCODEPYTHON

WOMENWHOCODE.COM/PYTHON

- Next session on February 22nd 2022 at 21:00 ET
- Find more resources related to this talk on github.com/WomenWhoCode/WWCodePython
- For additional questions, email me at jessica.koubi@gmail.com