21st January 2021 - 24th January 2021

TEQIP-3

HACODEV IN ASSOCIATION WITH TEQIP PRESENTS

# PYTHON WORKSHOP

A 4 DAYS CUM 6+ HOURS PYTHON WORKSHOP FOR ABSOLUTE BEGINNERS.

# Workshop Brochure

# WHY YOU SHOULD LEARN TO WRITE PROGRAMS?

- Programming makes things easier for you.
- Learning to program teaches you persistence.
- Coding develops structured and creative thinking.

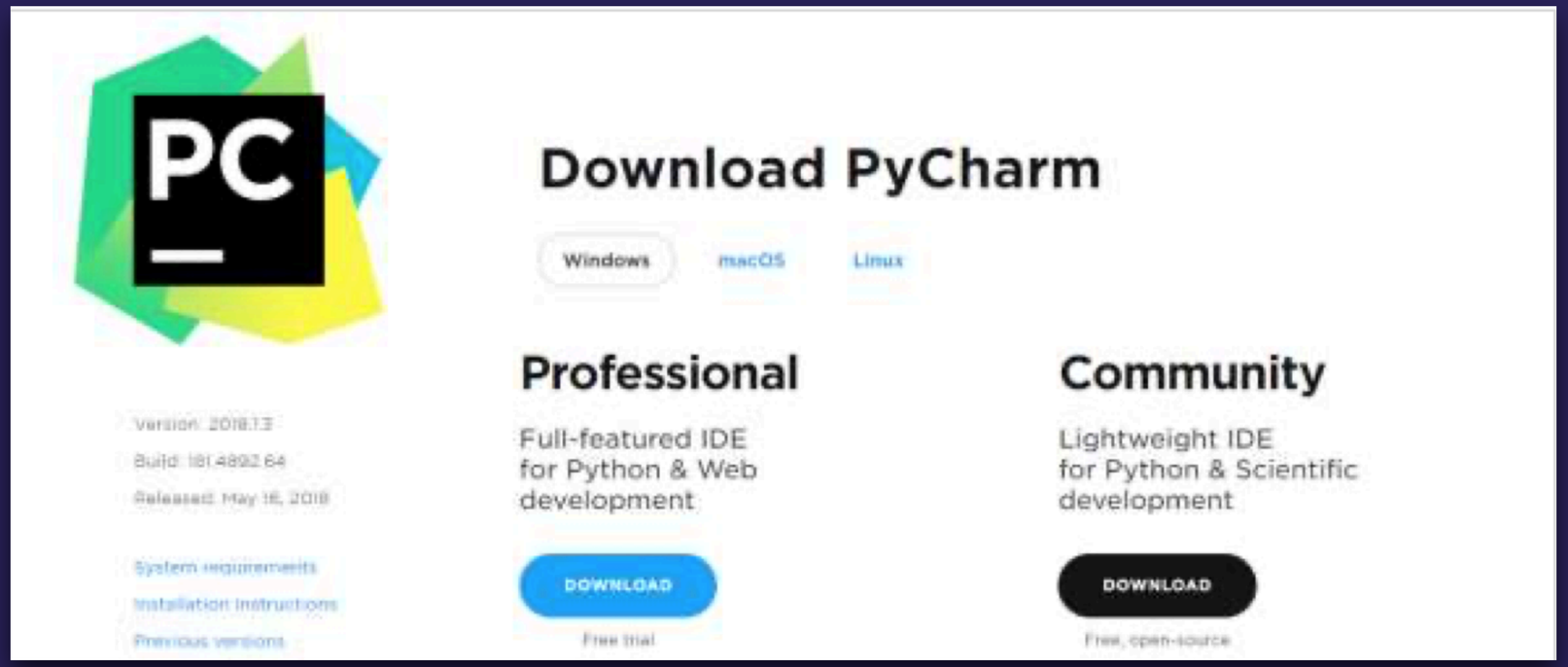
# SOME ONLINE TOOLS TO RUN PYTHON ON

Python is an interpreted, high-level and general-purpose programming language used worldwide. Python's design philosophy emphasizes code readability with its notable use of significant whitespace.

# INSTALLATION GUIDE FOR PYCHARM

## Step-1

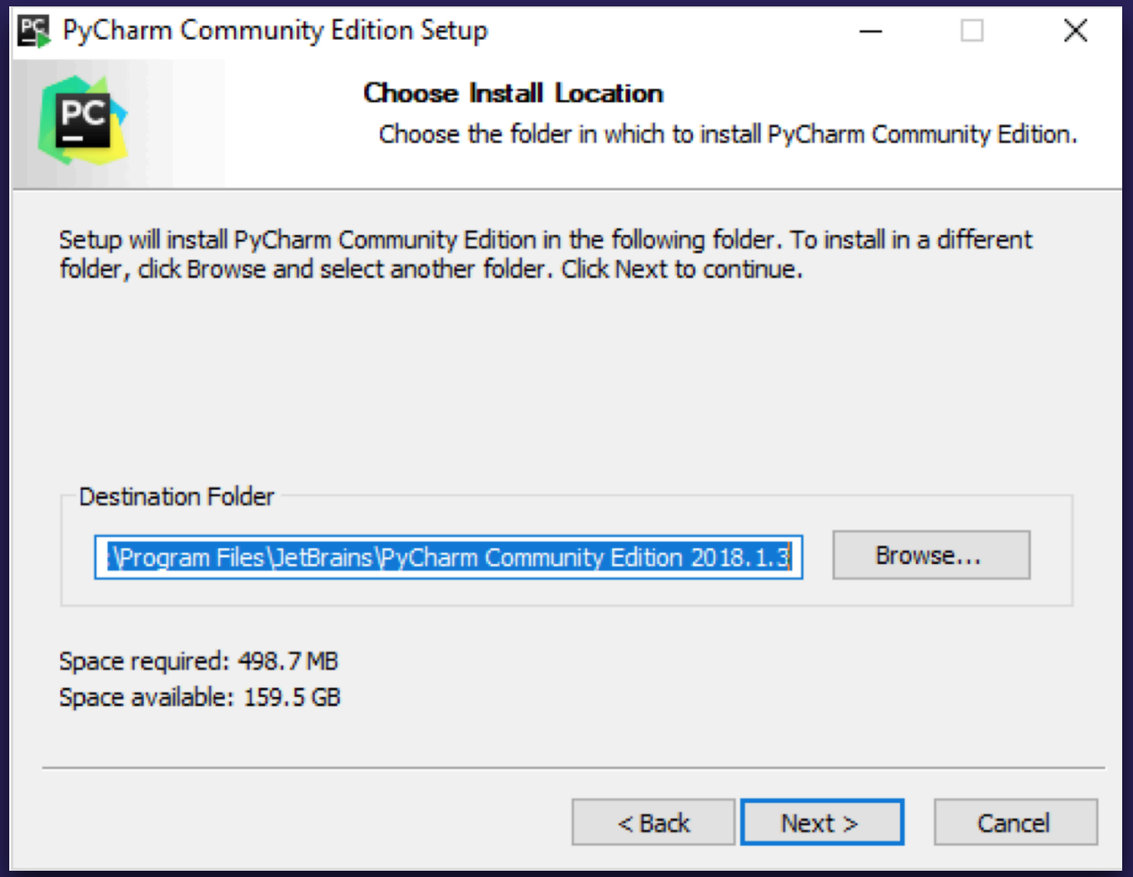
Download the required package or executable from the official website of PyCharm https://www.jetbrains.com/pycharm/download/#section=windows. Here you will observe two versions of package for Windows as shown in the screenshot given below:



# INSTALLATION GUIDE FOR PYCHARM

## Step-2

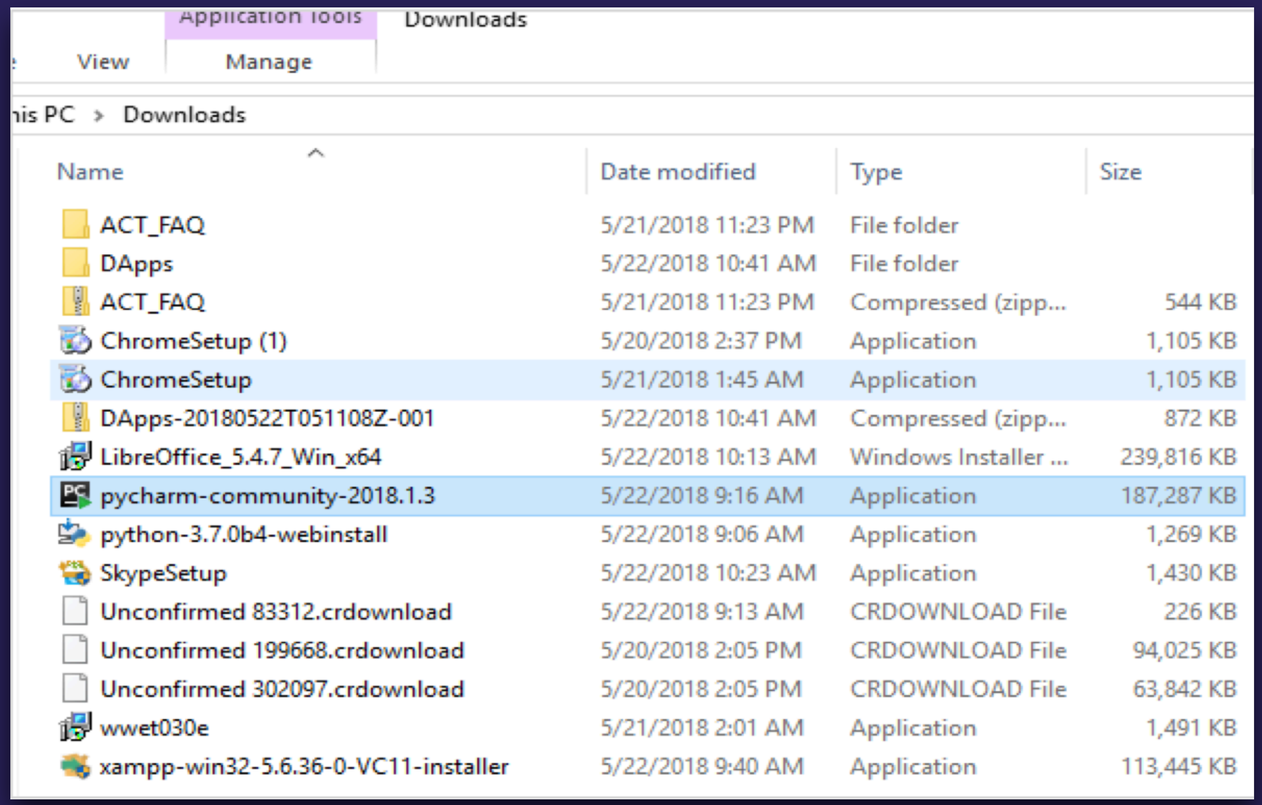
Download the community package (executable file) onto your system and mention a destination folder as shown below:



# INSTALLATION GUIDE FOR PYCHARM

## Step-2 (continued)

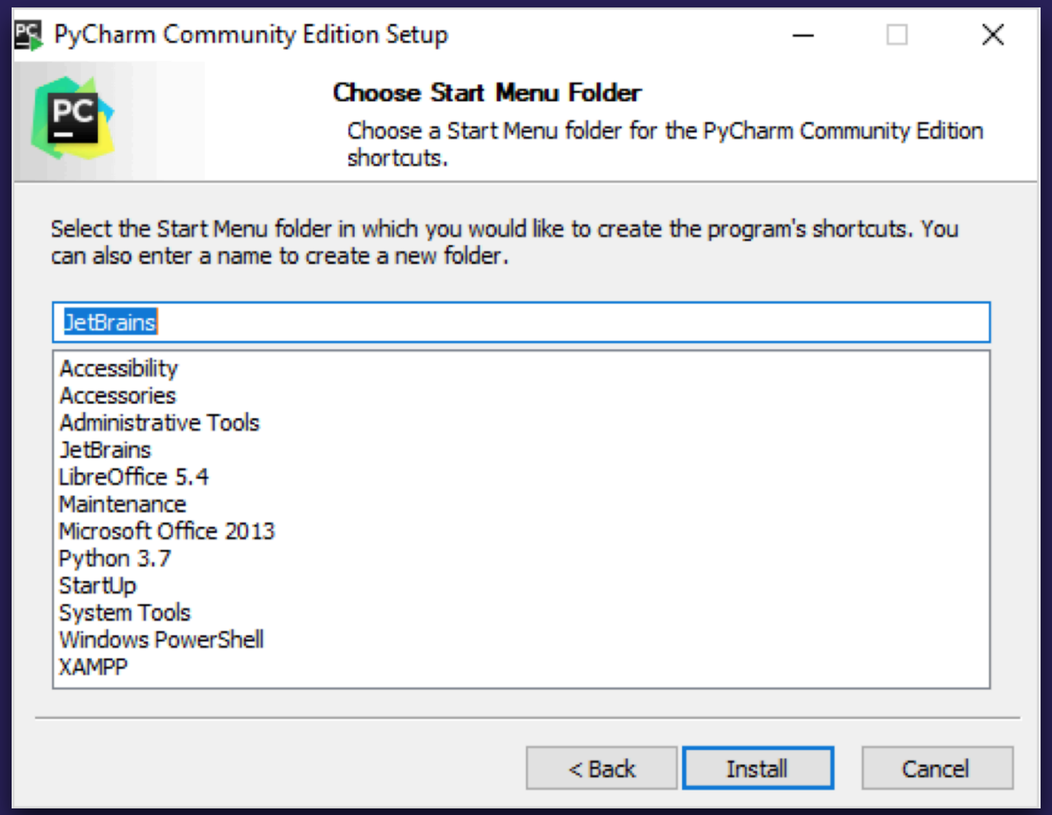
Download the community package (executable file) onto your system and mention a destination folder as shown below:



# INSTALLATION GUIDE FOR PYCHARM

## Step-3

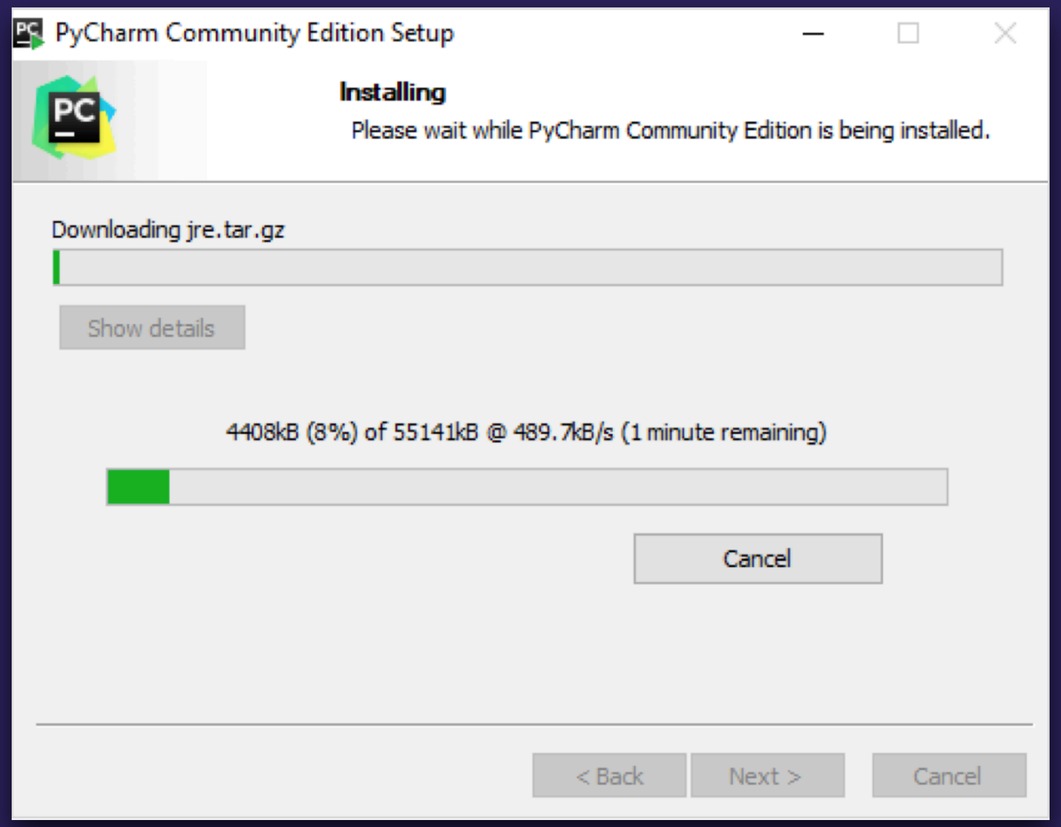
Now begin the installation procedure similar to any other software package.



# INSTALLATION GUIDE FOR PYCHARM

## Step-3 (continued)

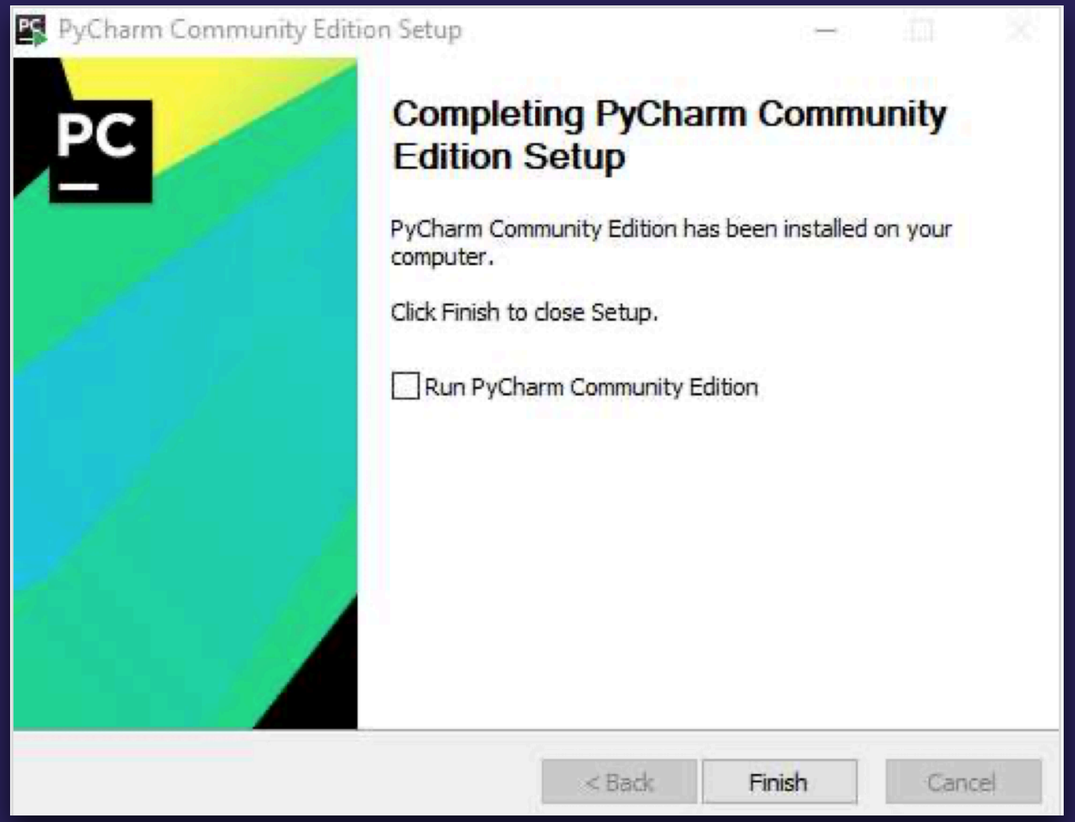
Now begin the installation procedure similar to any other software package.



# INSTALLATION GUIDE FOR PYCHARM

## Step-4

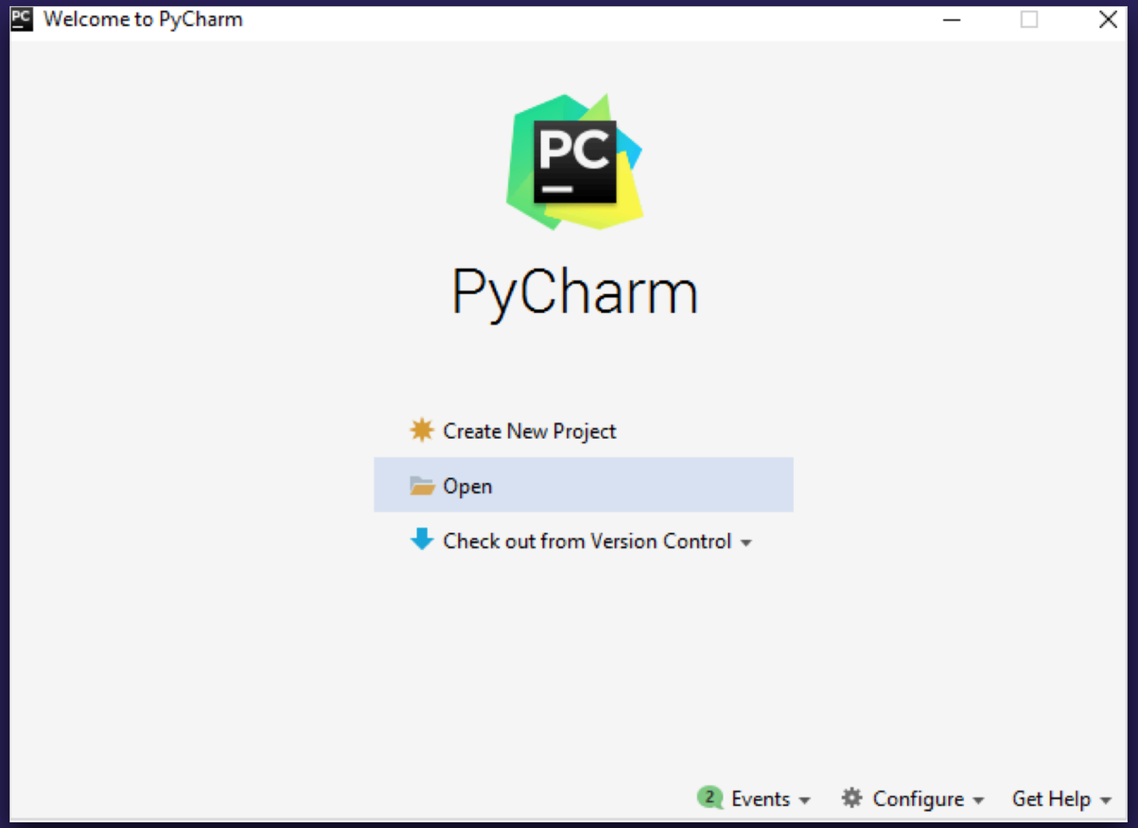
Once the installation is successful, PyCharm asks you to import settings of the existing package if any.



# INSTALLATION GUIDE FOR PYCHARM

## Step-4 (continued)

Once the installation is successful, PyCharm asks you to import settings of the existing package if any.



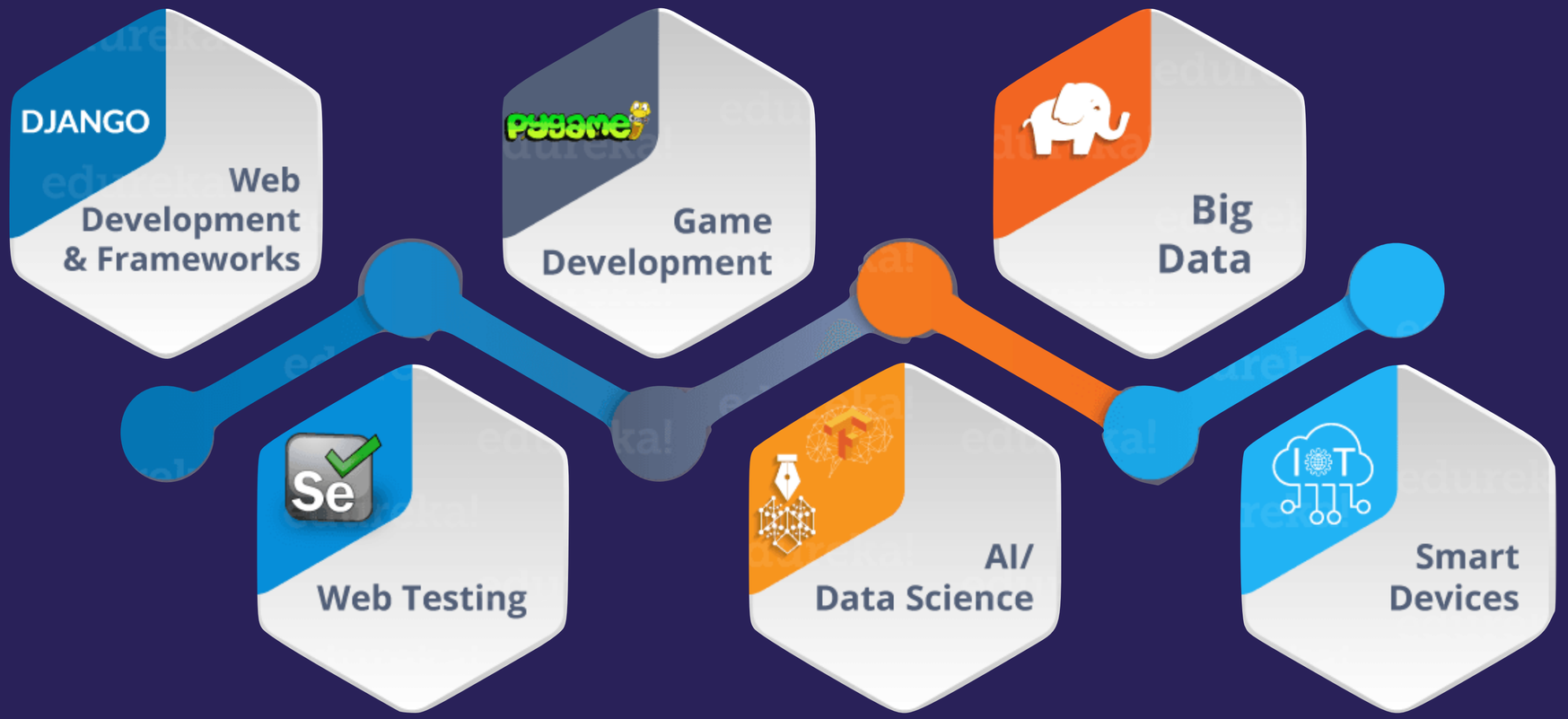
# SOME ONLINE TOOLS TO RUN PYTHON ON

Google Collab

repl.it

Jupiter Notebook

# CAREER OPTIONS IN PYTHON



# SOME COMPANIES USING PYTHON

Dropbox

NASA

YAHOO!

IBM

facebook

YouTube

MOZILLA

Google

Uber
Top Companies
Who Hire
Python
Developers
YouTube

# INSTRUCTORS FOR PYTHON WORKSHOP

**Aastha Mishra**

**Hacodev Technical Team**

**Python and C++ Programmer**

**Naman Dhamani**

**Hacodev Technical Team**

**ML Enthusiast**

**Competitive Programmer**

# SYLLABUS FOR HACODEV PYTHON WORKSHOP

- Introduction to Python
- Expressions
- Variables
- Conditional Logic Execution
- Functions
- Iteration
- String
- Files
- List
- Tuples
- Dictionary
- Some interesting projects using different modules

# Thank You