

Python Tools: Jupyter vs. PyCharm

GoSkills online course syllabus

Skill level

Beginner

Lessons

15

Pre-requisites

No prior experience needed

Video duration

30m

Estimated study time

30m 44s

Instructor

Sam Pettus

Introduction

1 PyCharm vs. The Jupyter Notebook

Jupyter vs. Pycharm

2 Approaching an IDE

IDE's, or integrated development environments, can be used to maximize programming productivity and streamline development processes.

3 Jupyter Notebook overview

Jupyter note book is an open-source web application that can help you use and share documents that contain code.

4 PyCharm overview

PyCharm is an open-source IDE that can be used to demonstrate real time changes and impacts from your Python code.

5 Jupyter Notebook pros & cons

Using Jupyter Notebook has certain benefits and drawbacks.

6 PyCharm pros & cons

PyCharm has specific benefits and downfalls when it comes to IDE's and Python.

Evaluating Key Differences

7 Understanding your goals

Depending on what you're trying to accomplish, PyCharm or Jupyter could be the right tool to use.

8 Debugging in Jupyter vs PyCharm

There are many different approaches to how you can debug your Python code.

9 Version control in Jupyter vs PyCharm

Having sufficient version control is imperative when it comes to tracking changes.

10 Integrations in Jupyter vs PyCharm

Integrating with different programs can be helpful to optimizing or refining your Python code.

11 Code Profiling in Jupyter vs PyCharm

Code Profiling can be integral to successfully measuring performance of your code.

12 Machine learning in Jupyter vs PyCharm

Machine learning has become increasingly important when it comes to data projects.

Use Cases

13 Who uses Jupyter Notebook?

There are specific users who might lean towards Jupyter Notebook when it comes to certain tasks or projects.

14 Who uses PyCharm?

There are different roles and responsibilities that can benefit from using PyCharm.

Moving Forward

15 The future of Python

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