

Python Tools: Jupyter vs. PyCharm

GoSkills online course syllabus

Skill level

Beginner

Lessons

15

Accredited by

Verified by GoSkills

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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