

Tools for Python IDEs & Notebooks



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```
self.fingerprise = self.logdupc = self.debug = debug self.logger = logger = if path self.file = self.file = self.file.
```

Python and Data Science

return cls(job_dir

```
def request_seen(self.request_fine)
fp = self.request_fine)
if fp in self.fingerprints
    return True
self.fingerprints.add(ip)
if self.file:
    self.file.write(ip + column)
```

def request_fingerprint(rease)

Integrated Development Environment



An integrated development environment (IDE) is a software suite that consolidates basic tools required to develop and test software.

Code Editor

Code Libraries Compiler / Interpreter

Debugger

Linker

SINGLE GUI

Add-ons/ Extensions Build automation Tools

Coding Frameworks

Error Diagnostics

Version Control









Notebooks



Web application for creating and sharing computational documents

- In-line code executions and visualizations
- Documentation using markdown editor
- Easy export as pdf, html or even .py file



- Open-source
- Set-up required from scratch
- Supports over 40 programming languages, including Python, R, Julia, and Scala



- On cloud & requires internet connection
- Easily stored and shared on Drive
- GPU & TPU accessibility free of charge
- Minimal configuration required





- Working with Google Colab
- Installing dependencies
- Working with Google Drive
- Working with GitHub
- Using GPU or TPU
- Interactive Forms
- Execution history and scratch codes
- Readily available Code Snippets



Thank You!

Any questions?