**What is Jupyter?**

The Jupyter Notebook is a web-based interactive computing platform. The notebook combines live code, equations, narrative text, visualizations, interactive dashboards and other media.

**What is PyCharm?**

PyCharm’s smart code editor provides first-class support for Python, JavaScript, CoffeeScript, TypeScript, CSS, popular template languages and more. Take advantage of language-aware code completion, error detection, and on-the-fly code fixes!

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| **Jupyter Notebook** | **Pycharm** |
| **Data Science Notebook** | **Integrated Development Environment** |
| In-line code execution | Smart auto-completion |
| In-line graphic support | Intelligent code-analysis |
| HTML export capability | Support for Django |
| .ipynb file | .py file |
| Easy to use data science environment | Debugger(interrogate the behavior of your code step-by-step) |

**Which is best for AI and Data Science?**

It depends for which task.

For prototyping models or quickly exploring data and results, jupyter is better. However, PyCharm is better suited to develop packages and maintain large code base / production quality code.