

We've made changes to our [Terms of Service](#) and [Privacy Policy](#). They take effect on September 1, 2020, and we encourage you to review them. By continuing to use our services, you agree to the new Terms of Service and acknowledge the Privacy Policy applies to you.

[Continue](#)

Jupyter Notebook Shortcuts



Ventsislav Yordanov

[Follow](#)

Dec 22, 2017 · 4 min read



What is Jupyter Notebook?

Jupyter Notebook is widely used for data analysis. I started to learn **Data Science** 2–3 months ago and I used this tool to explore some datasets (a collection of data). It's awesome!

Let's see the definition from the docs.

*The **notebooks documents** are documents produced by the Jupyter Notebook App, which can contain both code (e.g. **Python**) and rich text elements (**paragraphs, equations, links, etc.**).*

We've made changes to our [Terms of Service](#) and [Privacy Policy](#). They take effect on September 1, 2020, and we encourage you to review them. By continuing to use our services, you agree to the new Terms of Service and acknowledge the Privacy Policy applies to you.

[Continue](#)

Shortcuts

As a developer, I like to use shortcuts and snippets as much as I can. They just make writing code a lot easier and faster. I like to follow one rule:

If you start doing some action with the mouse, stop and think if there is a shortcut. If there is a one - use it.

When I started using *Jupyter Notebook* I didn't know that there are shortcuts for this tool. Several times, I changed my **cell type** from *code* to *markdown* and I didn't know how. As you can guess this caused me a lot of headache. One day I just saw that there is a [Help > Keyboard Shortcuts](#) link in the menu bar. To my surprise, it turned out that *Jupyter Notebook* has **a ton of shortcuts**.

In this article, I'll show you my favorite ones. Note that the shortcuts are for [Windows](#) and [Linux](#) users. Anyway, for the [Mac](#) users, they're different buttons for `Ctrl`, `Shift`, and `Alt`:

- `Ctrl` : command key ⌘
- `Shift` : Shift ↑
- `Alt` : option ⌥

First, we need to know that they are **2 modes** in the *Jupyter Notebook App*: **command mode** and **edit mode**. I'll start with the shortcuts shared between the two modes.

Shortcuts in both modes:

We've made changes to our [Terms of Service](#) and [Privacy Policy](#). They take effect on September 1, 2020, and we encourage you to review them. By continuing to use our services, you agree to the new Terms of Service and acknowledge the Privacy Policy applies to you.

Continue

- `Ctrl + S` save and checkpoint

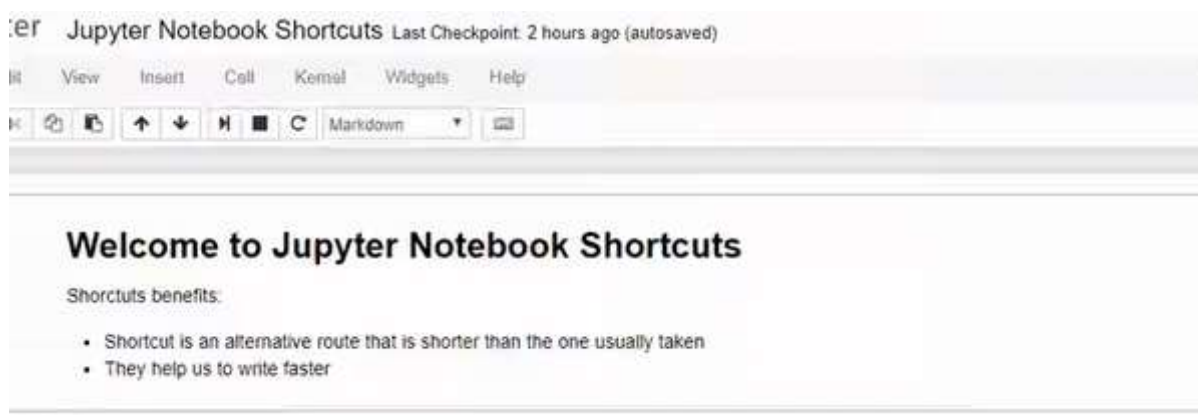
While in command mode (press `Esc` to activate):

- `Enter` take you into edit mode
- `H` show all shortcuts
- `Up` select cell above
- `Down` select cell below
- `Shift + Up` extend selected cells above
- `Shift + Down` extend selected cells below
- `A` insert cell above
- `B` insert cell below
- `X` cut selected cells
- `C` copy selected cells
- `V` paste cells below
- `Shift + V` paste cells above
- `D, D` (press the key twice) delete selected cells
- `Z` undo cell deletion
- `S` Save and Checkpoint
- `Y` change the cell type to *Code*

We've made changes to our [Terms of Service](#) and [Privacy Policy](#). They take effect on September 1, 2020, and we encourage you to review them. By continuing to use our services, you agree to the new Terms of Service and acknowledge the Privacy Policy applies to you.

Continue

know some shortcut or when you don't have a shortcut for the wanted command.



Command Palette

- `Shift + Space` scroll notebook up
- `Space` scroll notebook down

While in edit mode (press `Enter` to activate)

- `Esc` take you into command mode
- `Tab` code completion or indent
- `Shift + Tab` tooltip
- `Ctrl +]` indent
- `Ctrl + [` dedent
- `Ctrl + A` select all
- `Ctrl + Z` undo
- `Ctrl + Shift + Z` or `Ctrl + Y` redo

We've made changes to our [Terms of Service](#) and [Privacy Policy](#). They take effect on September 1, 2020, and we encourage you to review them. By continuing to use our services, you agree to the new Terms of Service and acknowledge the Privacy Policy applies to you.

Continue

- `Ctrl + Right` go one word right
- `Ctrl + Shift + P` open the command palette
- `Down` move cursor down
- `Up` move cursor up

These are the shortcuts I use in my daily work. If you still need something that is not mentioned here you can find it in the keyboard shortcuts dialog (`H`). You can also **edit** existing or **add** more **shortcuts** from the `Help > Edit Keyboard Shortcuts` link in the menu bar. Clicking the link will open a dialog. At the bottom of it there are rules for adding or editing shortcuts. You need to use hyphens `-` to represent keys that should be pressed at the same time.

For example, I added a shortcut `Ctrl-R` for the *restart kernel and run all cells* command.

Other Blog Posts by Me

- Python Basics for Data Science
- Data Science with Python: Intro to Data Visualization with Matplotlib
- Data Science with Python: Intro to Loading and Subsetting/Filtering Data with pandas
- Introduction to Natural Language Processing for Text

LinkedIn

Here is my LinkedIn profile in case you want to be connected with me.

Newsletter

We've made changes to our [Terms of Service](#) and [Privacy Policy](#). They take effect on September 1, 2020, and we encourage you to review them. By continuing to use our services, you agree to the new Terms of Service and acknowledge the Privacy Policy applies to you.

[Continue](#)

Thank you for the read, if you like this post please hold the clap button. Also, I'll be happy to share your feedback.

Sign up for The Daily Pick

By Towards Data Science

Hands-on real-world examples, research, tutorials, and cutting-edge techniques delivered Monday to Thursday. Make learning your daily ritual. [Take a look](#)

[Get this newsletter](#)

Emails will be sent to joshua_cartwright@hotmail.com.
[Not you?](#)

[Data Science](#)[Jupyter Notebook](#)[Shortcuts](#)[Tips And Tricks](#)[Productivity](#)[About](#) [Help](#) [Legal](#)

Get the Medium app

