

Useful Magic Commands in Jupyter Notebooks

Line Magic Commands (Starting with "%")

1. **"%lsmagic"** - List All Available Magic Commands
2. **"%magic"** - Print Information About Magic Commands System
3. **"%quickref"** - Cheat-Sheet of Magic Commands
4. **"%alias_magic"** - Give Any Magic Command Alias Name
5. **"%autocall"** - Call Functions without Parenthesis
6. **"%automagic"** - Call Line Magic Commands without "%" Prefix
7. **"%pwd"** - Prints Present Working Directory
8. **"%cd"** - Change Working Directory in Notebook
9. **"%system"** - Execute Unix Shell Commands in Jupyter Notebook
10. **"%sx"** - Execute Unix Shell Commands in Notebook
11. **"%time"** - Measures Execution Time of a Line/Statement in Notebook
12. **"%timeit"** - Measures Execution Time of Line
13. **"%who"** - Prints All Variables Initialized/Declared in Notebook of Specified Data Type
14. **"%who_ls"** - Prints All Variables Initialized/Declared in Notebook of Specified Data Type as "List"
15. **"%whos"** - Prints All Variables in Notebook with Details
16. **"%load"** - Loads Code from Filename in Jupyter Notebook
17. **"%load_ext"** - Load External Module in Jupyter Notebook
18. **"%unload_ext"** - Unload External Module
19. **"%reload_ext"** - Reload Externally Loaded Module
20. **"%tb"** - Print Stack Trace of Last Failure
21. **"%env"** - List, Get and Set Environment Variables in Notebook
22. **"%set_env"** - Set Environment Variables in Notebook
23. **"%conda"** - Execute 'Conda' Commands in Notebook
24. **"%pip"** - Execute Python 'pip' Commands in Notebook
25. **"%dhist"** - Prints History Of Visited Directories in Notebook
26. **"%history"** - Prints History of Commands Executed in Notebook
27. **"%doctest_mode"** - Inform IPython Kernel to Behave Like Normal Python Shell
28. **"%prun"** - Profile Python Code using "profile" Module



29. **"%matplotlib"** - Sets Matplotlib Backend for Plotting
30. **"%pdef"** - Print Signature of Callable
31. **"%pdoc"** - Print Docstring of a Callable
32. **"%precision"** - Sets Precision of Floating Point Numbers
33. **"%psearch"** - Search Namespace using Pattern
34. **"%psource"** - Print Source Code of an Object
35. **"%pycat"** - Shows Content of File with Syntax Highlighted
36. **"%pylab"** - Loads Numpy and Matplotlib in Namespace
37. **"%recall"** - Put History Commands Executed in Next Cell
38. **"%rerun"** - Rerun Previously Executed Cell
39. **"%reset"** - Reset Namespace (Remove All Existing User-defined Names)
40. **"%reset_selective"** - Remove Variables Matching a Pattern
41. **"%run"** - Execute Python Script in Notebook

Cell Magic Commands (Starting with "%")

1. **"%%bash"** - Execute "bash" Script in Notebook
2. **"%%script"** - Execute Perl, Python, Ruby, and Shell Scripts in Notebook
3. **"%%sh"** - Execute Unix Shell Script in Notebook
4. **"%%html"** - Render Contents of Cell as HTML
5. **"%%javascript"** - Execute Contents of Cell as Javascript
6. **"%%js"** - Execute Contents of Cell as Javascript
7. **"%%perl"** - Execute Contents of Cell as Perl Script/Code
8. **"%%ruby"** - Execute Contents of Cell as Ruby Code
9. **"%%latex"** - Execute Contents of Cell as LaTeX (Mathematical Formulas)
10. **"%%markdown"** - Execute Contents of Cell as Markdown
11. **"%%writefile"** - Write Contents of Cell to a File
12. **"%%time"** - Measure Execution Time of Cell Code
13. **"%%timeit"** - Measure Execution Time of Cell Code
14. **"%%prun"** - Profile Cell Python Code

Read Full Article @ [CoderzColumn: Useful Magic Commands Of Jupyter Notebook](#)

