

todo

add

- renaming something in jupyter with strg f r which is a common variable name like i might change it in unintended places
- get all lecturers to say their setup

breaking up with jupyter
= finding a good setup

all setups are equal

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...but some are more equal than others

test038_dual_targets.ipynb	2 months ago
test039_show_tell0.ipynb	a month ago
test04.ipynb	4 hours ago
test040_pos240.ipynb	a month ago
test041_pos240.ipynb	a month ago
test042_pos240.ipynb	22 days ago
test043.ipynb	19 days ago
test044_pycaret.ipynb	a month ago
test045_pycaret_anomaly01.ipynb	a month ago
test046_lockdowns.ipynb	a month ago
test046_lockdowns02.ipynb	a month ago
test046_lockdowns03.ipynb	a month ago
test047_holidays.ipynb	a month ago
test047_holidays02.ipynb	13 days ago
test047_locks_results.ipynb	21 days ago
test047_locks_results02.ipynb	20 days ago
test047_locks_results03.ipynb	19 days ago
test05.ipynb	a year ago
test050_NEWE-9660_fetch_segments004.ipynb	16 days ago
test051_events_data.ipynb	8 days ago
test052_bigquery.ipynb	6 days ago
test052_bigquery02.ipynb	6 days ago
test052_bigquery03.ipynb	6 days ago
test052_bigquery04.ipynb	6 days ago
test052_bigquery05.ipynb	6 days ago
test052_bigquery06.ipynb	6 days ago
test06.ipynb	a year ago
test07.ipynb	a year ago
test08.ipynb	a year ago
test09.ipynb	a year ago
test10.ipynb	a year ago
test11aga.ipynb	a year ago
test12.ipynb	3 months ago
test13.ipynb	3 months ago
test14.ipynb	3 months ago
test15.ipynb	a month ago
test16.ipynb	a month ago

are equal

are equal than others

Jupyter

advantages

Jupyter/script+ipython

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- access to variables, develop plots
- present text + interactive visualisation
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disadvantages

- difficult to have clean git history (lecture)
- difficult to test your code with pytest (lecture)
- impossible to keep code organised well without duplicates (lecture)
- uncomfortable to debug (lecture)
- difficult to write functions and classes (lecture)

Demo: problems

Examples in jupyter

- Namespace
-

Demo IDE abilities

Examples in IDE (my personal setup!)

- advanced debugging + accessing variables + plotting figure
- navigating code (walk, usages, last place)
- renaming variables, function signatures (rename increase)
- testing integration
- git integration (diff, diff per line, filename colorx)
- code completion / error detection / formatting / indentation

Jupyter

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editors/IDE

advantages

- fixes all jupyter disadvantages
- easy to navigate code
- easy and reliable to refactor code (make changes everywhere etc)
- alerts you to errors
- comfortable and helpful debugging
- automatic formatting checks (including automatic indentation)

all setups are equal, so
...find one that works for you