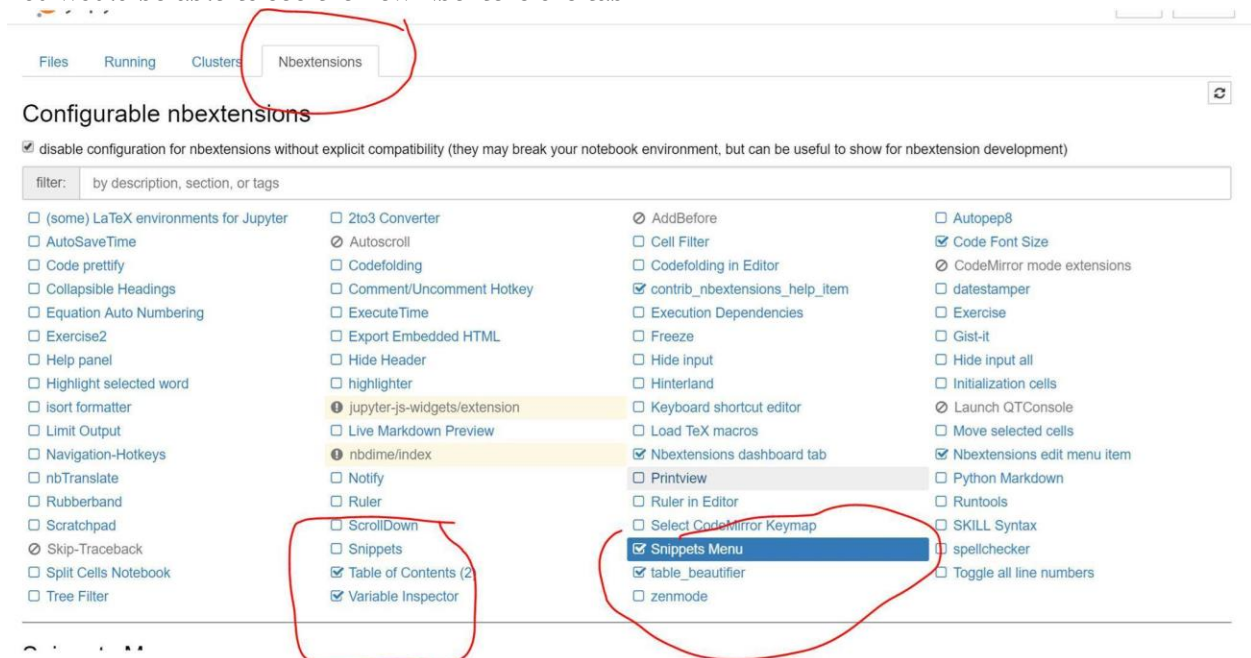


Jupyter Notebook Extensions

- Jupyter Notebook extensions offers lot of features which makes our work little easier.
- Following are some features which I loved it and following is the process to enable them.

Jupyter Notebook Extensions

- 1) Go to Anaconda prompt
- 2) `pip install jupyter_contrib_nbextensions`
- 3) `jupyter contrib nbextension install -user`
- 4) `jupyter nbextensions_configurator enable -user`
- 5) After installation, start Jupyter Notebook
- 6) You would be able to see the new Nbextensions tab



- 7) By clicking on the Nbextensions tab, we will be provided with a list of available widgets. Select Table of Contents and Snippets
- 8) Once you have them, by clicking the option in Red, we get following Table of Contents

The screenshot shows the JupyterLab interface. On the left, the 'Contents' sidebar lists a directory structure with '4.1 Univariate Analysis of Categorical Variables' highlighted. The main area displays a code cell 'In [19]:' with a snippet starting with '# Analyze Cate...' and 'cr_ap_df.select_'. Below the code, the output 'Out[19]:' shows a table with statistics for 'TARGET'.

count	307511
unique	2
top	0
freq	282686

Below the output, another code cell 'In [18]:' is partially visible, showing variable assignments and print statements.

Snippets of NB Extensions offers lot of good things

kpoint: 2 minutes ago (autosaved)

The screenshot shows the 'Snippets' menu open in JupyterLab. The menu is divided into two panes. The left pane lists categories like 'Setup', 'Documentation', 'Creating arrays', 'Reshaping and viewing arrays', 'Indexing and testing arrays', 'Vectorized (universal) functions', 'Polynomials', 'Pretty printing', and 'File I/O'. The right pane lists specific libraries and topics: 'NumPy', 'SciPy', 'Matplotlib', 'SymPy', 'pandas', 'Astropy', 'h5py', 'numba', 'Python', and 'Markdown'. The 'Snippets' menu title is circled in red.

I use it mainly for inserting preconfigured Markdown sets

Last Checkpoint: 4 minutes ago (autosaved)

The screenshot displays the JupyterLab interface. At the top, there is a toolbar with tabs for 'Cell', 'Kernel', 'Navigate', 'Widgets', and 'Help'. The 'Snippets' dropdown menu is open, showing a list of snippets: 'NumPy', 'SciPy', 'Matplotlib', 'SymPy', 'pandas', 'Astropy', 'h5py', 'numba', 'Python', and 'Markdown'. The 'Code' editor tab is active, showing a snippet titled 'Test Data and Polynomial Regression Models' with a selection of degree. A context menu is open over the code editor, listing actions like 'Insert itemized list', 'Insert enumeration', 'Insert table', 'Insert local', 'Insert local', 'Insert remote', 'Insert remote', 'Insert inline math', 'Insert equation', and 'Insert aligned equation'. A sub-menu is open for 'Insert itemized list', showing options for 'One', 'Two', and 'Three' items, each with a 'Sublist' option.

```

1 4
29
26
23
20
17
14
11
8
5
2
28
25
22
19
16
13
10
7
4
1
29
26
23
20
17
14
11
8
5
2
28
25
22
19
16
13
10
7
4
1
)

```

```

In [ ]: ▶ * One
          - Sublist
            - This
          - Sublist
            - That
            - The other thing
          * Two
            - Sublist
          * Three
            - Sublist

```
