**Command Mode (press Esc to enable)**

|  |  |
| --- | --- |
| Enter | enter edit mode |
| Shift-­Enter | run cell, select below |
| Ctrl-Enter | run cell |
| Alt-Enter | run cell, insert below |
| Y | to code |
| M | to markdown |
| R | to raw |
| 1 | to heading 1 |
| 2,3,4,5,6 | to heading 2,3,4,5,6 |
| Up/K | select cell above |
| Down/J | select cell below |
| A/B | insert cell above/­below |
| X | cut selected cell |
| C | copy selected cell |
| Shift-V | paste cell above |
| V | paste cell below |
| Z | undo last cell deletion |
| D,D | delete selected cell |
| Shift-M | merge cell below |
| Ctrl-S | Save and Checkpoint |
| L | toggle line numbers |
| O | toggle output |
| Shift-O | toggle output scrolling |
| Esc | close pager |
| H | show keyboard shortcut help dialog |
| I,I | interrupt kernel |
| 0,0 | restart kernel |
| Space | scroll down |
| Shift-­Space | scroll up |
| Shift | ignore |

**Edit Mode (press Enter to enable)**

|  |  |
| --- | --- |
| Tab | code completion or indent |
| Shift-Tab | tooltip |
| Ctrl-] | indent |
| Ctrl-[ | dedent |
| Ctrl-A | select all |
| Ctrl-Z | undo |
| Ctrl-S­hift-Z | redo |
| Ctrl-Y | redo |
| Ctrl-Home | go to cell start |
| Ctrl-Up | go to cell start |
| Ctrl-End | go to cell end |
| Ctrl-Down | go to cell end |
| Ctrl-Left | go one word left |
| Ctrl-Right | go one word right |
| Ctrl-B­ack­space | delete word before |
| Ctrl-D­elete | delete word after |
| Esc | command mode |
| Ctrl-M | command mode |
| Shift-­Enter | run cell, select below |
| Ctrl-Enter | run cell |
| Alt-Enter | run cell, insert below |
| Ctrl-S­hif­t-S­ubtract | split cell |
| Ctrl-S­hift-- | split cell |
| Ctrl-S | Save and Checkpoint |
| Up | move cursor up or previous cell |
| Down | move cursor down or next cell |
| Ctrl-/ | toggle comment on current or selected lines |