Für eine Einführung: Internetsuche-Videos: «Introduction - Jupyter Tutorial»

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

F: find and replace

Ctrl-Shift-P: open the command palette

Enter: enter edit mode

Shift-Enter: run cell, select below

Ctrl-Enter: run selected cells

Alt-Enter: run cell, insert below

Y: to code

M: to markdown

R: to raw

1: to heading 1

2: to heading 2

3: to heading 3

4: to heading 4

K: select cell above

Up: select cell above

Down: select cell below

J: select cell below

Shift-K: extend selected cells above

Shift-Up: extend selected cells above

Shift-Down: extend selected cells below

Shift-J: extend selected cells below

A: insert cell above

B: insert cell below

X: cut selected cells

C: copy selected cells

Shift-V: paste cells above

V: paste cells below

Z: undo cell deletion

D,D: delete selected cells

Shift-M: merge selected cells, or current cell with cell below if only one cell selected

Ctrl-S: Save and Checkpoint

S: Save and Checkpoint

L: toggle line numbers

O: toggle output of selected cells

Shift-O: toggle output scrolling of selected cells

H: show keyboard shortcuts

I,I: interrupt kernel

0,0: restart the kernel (with dialog)

Esc: close the pager

Q: close the pager

Shift-Space: scroll notebook up

Space: scroll notebook down

**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

Ctrl-M: command mode

Ctrl-Shift-P: open the command palette

Esc: command mode

Shift-Enter: run cell, select below

Ctrl-Enter: run selected cells

Alt-Enter: run cell, insert below

Ctrl-Shift-Minus: split cell

Ctrl-S: Save and Checkpoint

Down: move cursor down

Up: move cursor up

**Markdown-Operators welche bei Jupyter über $...$ abgerufen werden können.**

**Symbol Script**

· \cdot

Griechische Symbole \Symbolbuchstaben (z.B. Theta)

Malpunkt \cdot

cos \cos

→→ \to

∞ \infty

≡ \equiv

× \times

\dot{V}

kn+1 k\_{n+1}

n2 n^2

/Division/Bruch \frac{n}{n-k)}

Array vertikal \binom{n}{k}

Wurzel 2 \sqrt{k}

Wurzel n \sqrt[n]{k}

Summe i=1 bis 10 \sum\_{i=1}^{10} t\_i

Integral 0 bis unendlich \int\_0^\infty e^{-x} dx

Punkt \cdot

Strich \bar{V}

Fett (Bold) \*\*string\*\*

Kursiv (Italic) \*string\*

Grafik einfügen: <img src="url.gif" alt="Alt text that describes the graphic" title="Title text" />

LINK einfügen: \_\_[link text](http://url)\_\_