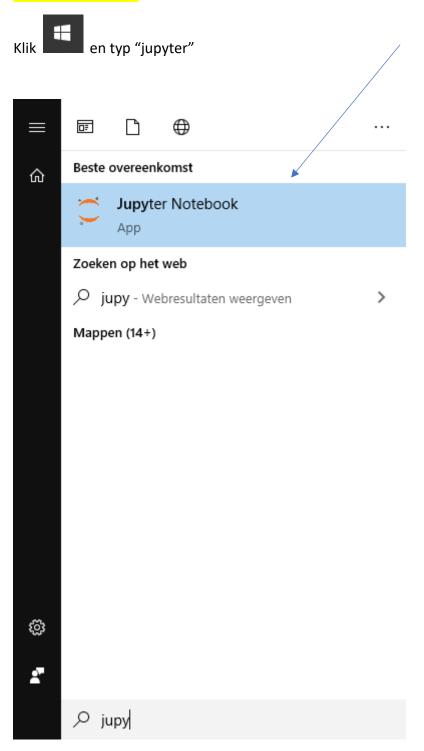
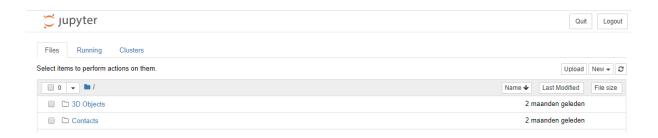
Basisinstructies Jupyter Notebook

1. Opstarten

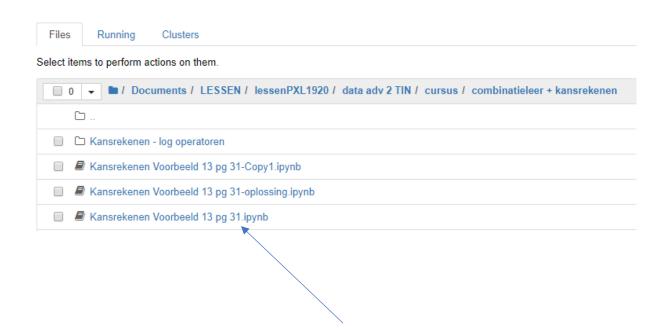


De Jupyter Notebook wordt opgestart



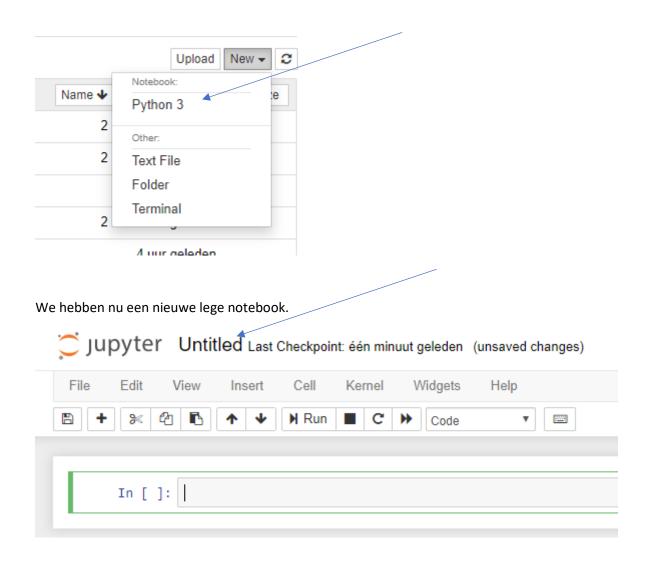
2. Een bestaande notebook openen

Browse naar de plaats waar jij de notebook opgeslagen hebt en klik op die notebook die je wil openen.



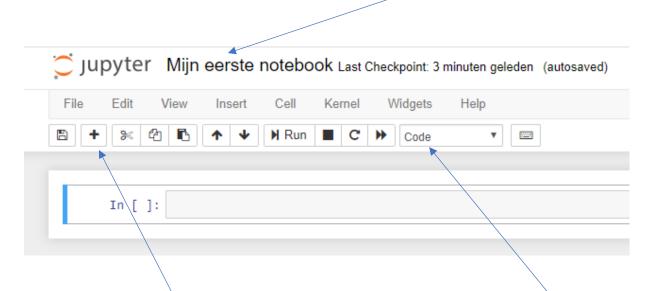
3. Nieuwe Notebook aanmaken

Wil je in bovenstaande map een nieuwe notebook aanmaken, kies dan rechts bovenaan "New" en kies Python 3.



We kunnen deze een naam geven door op Untitled te klikken en een nieuwe naam in te voeren vb: "Mijn eerste notebook"





Elke notebook bestaat uit celllen en "by default" krijg je 1 cel te zien. Je kan extra cellen aanmaken door op het "plus-teken" te drukken.

Deze cellen kunnen verschillende soorten items bevatten maar "by default" bevat een cel "Code".

4. Notebook opvullen met code, tekst, ...

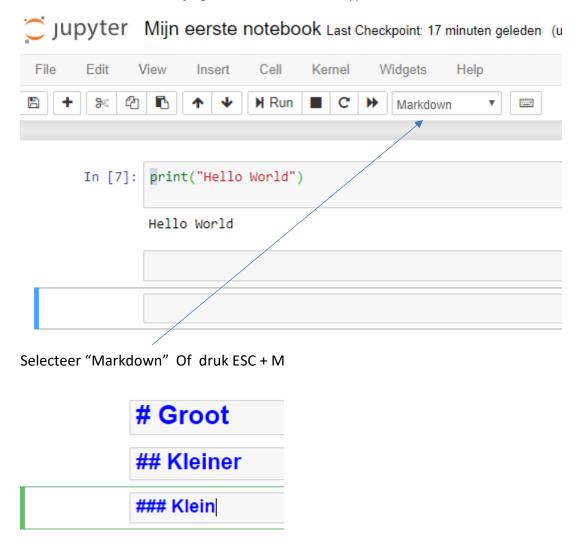
In de code-cellen kan je Python code typen bvb print("Hello World")

Jupyter Mijn eerste notebook Last Checkpoint: 10 minuten geleden (unsaved changes)



Klik "Run" OF druk CTRL + ENTER (Windows) - COMMAND + ENTER (Mac)

In Markdown-cellen kan je geformatteerde tekst typen



Run (idem aan hierboven) de Markdown cellen

Groot

Kleiner

Klein

In []: |

5. Opfrissing python instructies

```
In [8]: #Simpele expressie
         2 + 3
Out[8]: 5
 In [9]: #Variabele
         x = 7
         print(x)
In [10]: #selectie
         if x < 5:
             print("x is kleiner dan 5")
         elif x < 7:
             print("x is kleiner dan 7 maar groter dan 5")
             print("x is groter dan 7")
         x is groter dan 7
In [11]: #herhaling: for
          for i in range(5):
              print(i)
          1
          2
          3
In [12]: #herhaling: while
          y = 7
          while y < 10:
              print(y)
              y += 1
          8
```

```
In [19]: ! python --version
Python 3.7.3
```

6. Keyboard shotcuts:

Klik op Help en selecteer Keyboard Shortcuts

Keyboard shortcuts

The Jupyter Notebook has two different keyboard input modes. Edit mode allows you to type code or text

into a cell and is indicated by a green cell border. Command mode binds the keyboard to notebook level commands and is indicated by a grey cell border with a blue left margin. Command Mode (press | Esc | to enable) Edit Shortcuts F: find and replace Shift-Down: extend selected cells below Ctrl-Shift-F: open the command palette Shift-J: extend selected cells below Ctrl-Shift-P: open the command palette A: insert cell above Enter : enter edit mode B: insert cell below P: open the command palette X : cut selected cells Shift-Enter : run cell, select below c : copy selected cells Ctrl-Enter : run selected cells Shift-V: paste cells above Alt-Enter : run cell and insert below v : paste cells below Z: undo cell deletion Y: change cell to code M: change cell to markdown D, D: delete selected cells R: change cell to raw Shift-M: merge selected cells, or current cell with cell below if only one 1: change cell to heading 1 cell is selected 2: change cell to heading 2 Ctr1-5: Save and Checkpoint 3: change cell to heading 3 S: Save and Checkpoint 4: change cell to heading 4 L: toggle line numbers 5: change cell to heading 5 o: toggle output of selected cells 6: change cell to heading 6 Shift-0: toggle output scrolling of K : select cell above selected cells Up : select cell above H: show keyboard shortcuts Down: select cell below I, I: interrupt the kernel 3: select cell below 0, 0: restart the kernel (with dialog) Shift-K: extend selected cells above Esc : close the pager Shift-Up : extend selected cells above Q: close the pager Shift-L: toggles line numbers in all cells,

Close

7. Notebook saven

CTRL + S