**iOPEN IPython (Py 2.7)**

To open IPYthon, open anaconda and go to environments, base (root), press the play symbol and click open with ipython

* import sys
* sys.path.append(‘X:\boschm\03. RESULTS\Lesion\_Quantifications\Lesion\_Volume\lesion\_volume\_python’)

#set a path to a folder where you will work, copy there func.py, volume\_computation.py and lesion\_size\_areas.xls.

KEEP FUNC DOCUMENT WITHOUT THE EXTENSION .PY, JUST NAME IT FUNC.

BE CAREFUL WITH DIRECTORY: MAKE SURE THE USB IS IN H:!!!

* import os
* os.chdir(r'X:\boschm\03. RESULTS\Lesion\_Quantifications\Lesion\_Volume\lesion\_volume\_python’)
* from func import remove\_duplicates, volume, computation
* filename = "lesion\_area\_14dpl.xlsx" #NOTE: you cannot have spaces in your file name
* d = 105 # distance between two photos in micrometers
* computation(filename, d)

BE CAREFUL WITH THE EXCEL DOCUMENT: IT ALWAYS MUST BE LAIED OUT IN THREE COLUMNS: FIRST ANIMAL NAME, THEN AREA, THEN RADIUS!!!

D for spinal cords = 144 (9x16 um)

D for Horst’s brains = 4x16 = 64 um

D for Leptin and apoeki and wd brains = 6x16 = 96 um

D for old+drugs (first analysis) = every second section imaged, therefore 96x2 = 192

CODE

import sys

sys.path.append('X:\boschm\03. RESULTS\Lesion\_Quantifications\Lesion\_Volume\lesion\_volume\_python')

import os

os.chdir(r'X:\boschm\03. RESULTS\Lesion\_Quantifications\Lesion\_Volume\lesion\_volume\_python')

from func import remove\_duplicates, volume, computation

filename = "lesion\_area\_iba1\_wsd+galuni.xlsx"

d = 96

computation(filename, d)

['System32\libiomp5md.dll', 'System32\mkl\_core.dll',

'System32\mkl\_def.dll','System32\mkl\_intel\_thread.dll',

'SysWOW64\libiomp5md.dll','SysWOW64\mkl\_core.dll','SysWOW64\mkl\_intel\_thread.dll',

'SysWOW64\mkl\_p4.dll', 'SysWOW64\mkl\_p4m.dll','SysWOW64\mkl\_p4m3.dll',

'SysWOW64\mkl\_p4p.dll']

Remove all these dll files from C:\Windows\SysWOW64 and C:\Windows\System32

Just do this and restart the spyder once again and hurrrahhhh!!! ur problem will be solved and spyder will open without showing any ordinal 242 error............just do it it is the only solution..