## Step By Step Installation Illustration KNIME Geospatial Analytics Extension

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### Install New Python Environment

#### Anaconda Prompt > Run as Administrator

conda info --env conda create -n my\_python\_env python=3.9 knime-python-base knime-extension geopandas osmnx keplergl pulp pandarallel mgwr pysal spreg -c knime -c conda-forge

activate my\_python\_env pip install pyDataverse conda info

```
Select Administrator: Anaconda Prompt (Anaconda3) - conda create -n my_python_env python=3.9 knime-python-base knime-exten...
(base) C:\WINDOWS\system32>conda info --env
                                                                                                                        (base) C:\WINDOWS\system32>activate my_python_env
 conda environments:
                                                                                                                         (my_python_env) C:\WINDOWS\system32>conda info
                     * C:\ProgramData\Anaconda3
KNIMEPython
                       C:\ProgramData\Anaconda3\envs\KNIMEPython
                                                                                                                            active environment : my_python_env
                                                                                                                           active env location : C:\ProgramData\Anaconda3\envs\my_python_env
                                                                                                                                   shell level: 2
(base) C:\WINDOWS\system32>conda create -n my_python_env python=3.9 knime-python-base knime-extension geopandas osmnx
eplergl pulp pandarallel mgwr pysal spreg -c knime -c conda-forge
Collecting package metadata (current_repodata.json): done
Solving environment: failed with repodata from current repod
                                                           Administrator: Anaconda Prompt (Anaconda3) - conda create -n my_python_env python=3.9 knime-python-base knime-extension ge...
                                                                                                                                                                               Collecting package metadata (repodata.json): done
                                                                               conda-forge/noarch::zipp-3.10.0-pyhd8ed1ab 0
                                                           zipp
Solving environment: done
                                                                               conda-forge/win-64::zlib-1.2.13-hcfcfb64 4
                                                           zlib
                                                                               conda-forge/win-64::zstd-1.5.2-h7755175 4
                                                           zstd
=> WARNING: A newer version of conda exists. <==
 current version: 4.13.0
 latest version: 22.9.0
                                                          roceed ([y]/n)? y
Please update conda by running
                                                          ownloading and Extracting Packages
   $ conda update -n base -c defaults conda
                                                          nequality-1.0.0
                                                                                 14 KB
                                                                                                                                                                                 100%
                                                          ulp-2.6.0
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                                                                                 1.4 MB
                                                          :lick-8.1.3
                                                                                 75 KB
                                                                                                                                                                                 100%
```

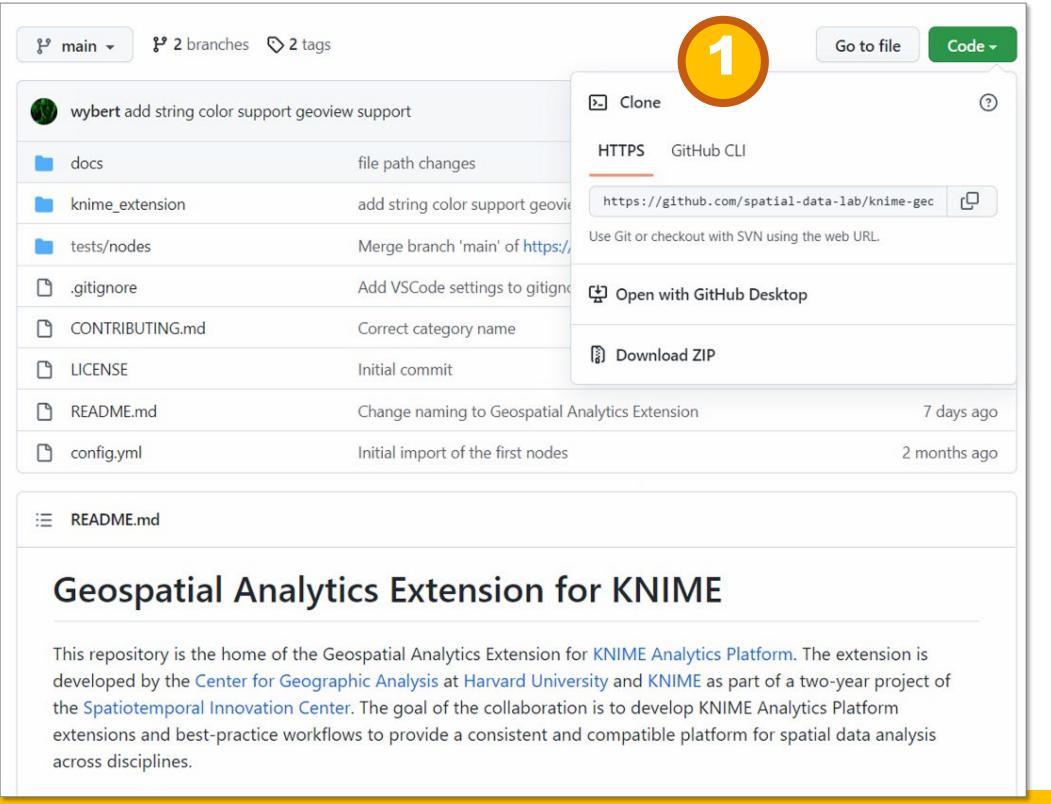


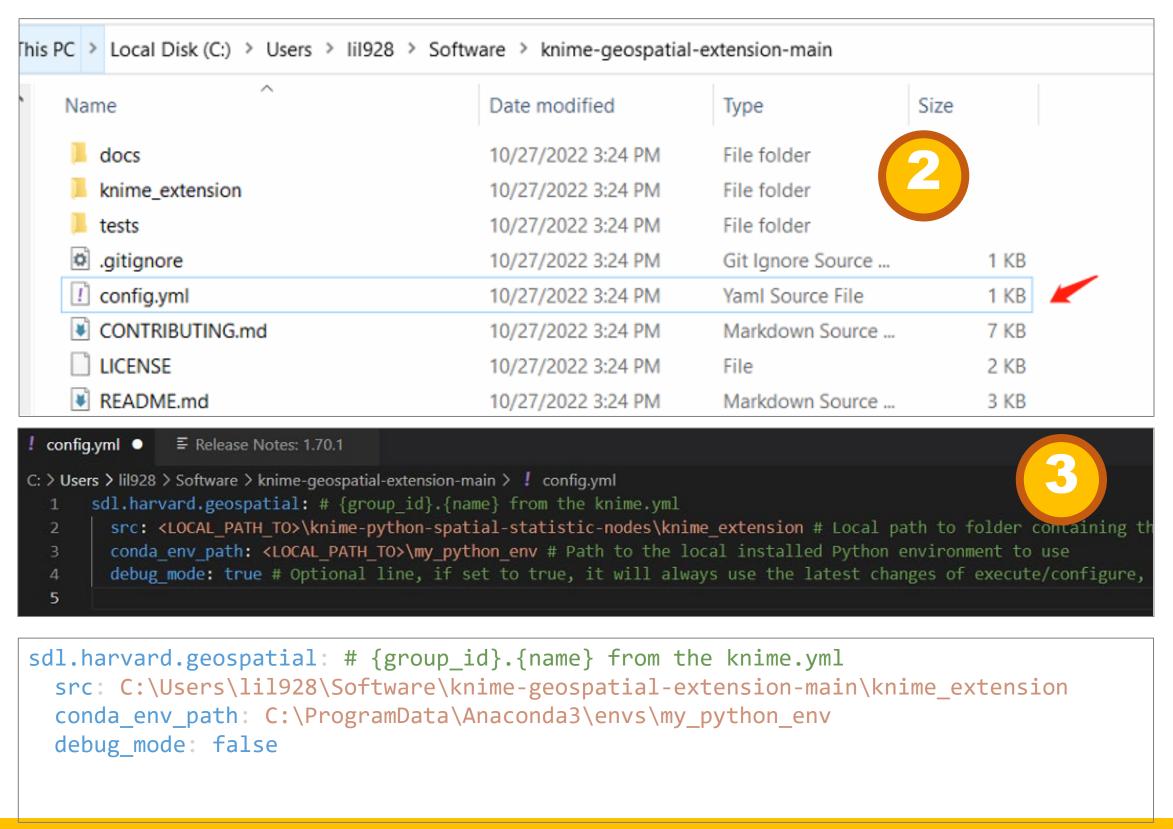
#### Download Extension in GitHub

https://github.com/spatial-data-lab/knime-geospatial-extension

Code > Download ZIP > unzip the ZIP file

Open config.yml with notepad> revise the path of src and conda\_env, set debug\_mode as False





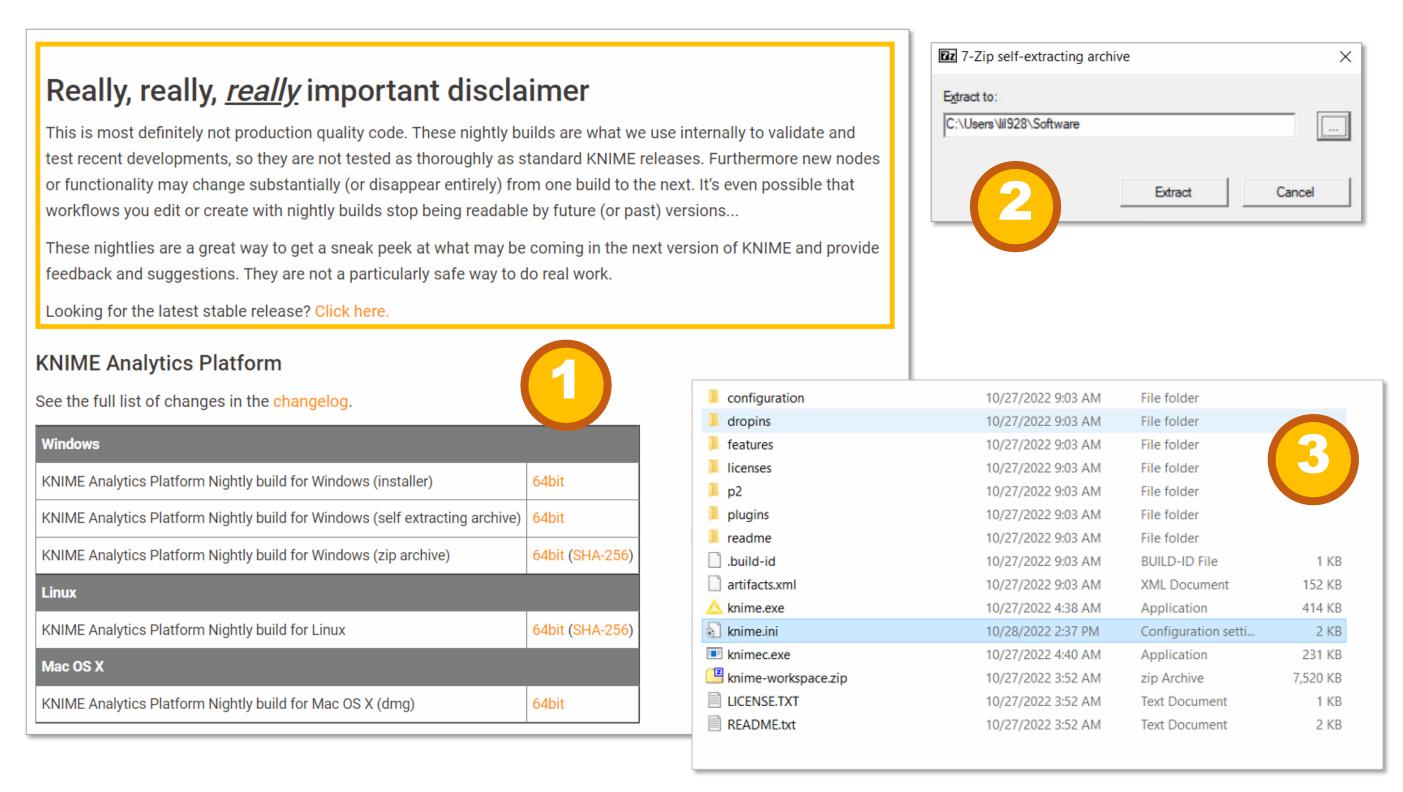


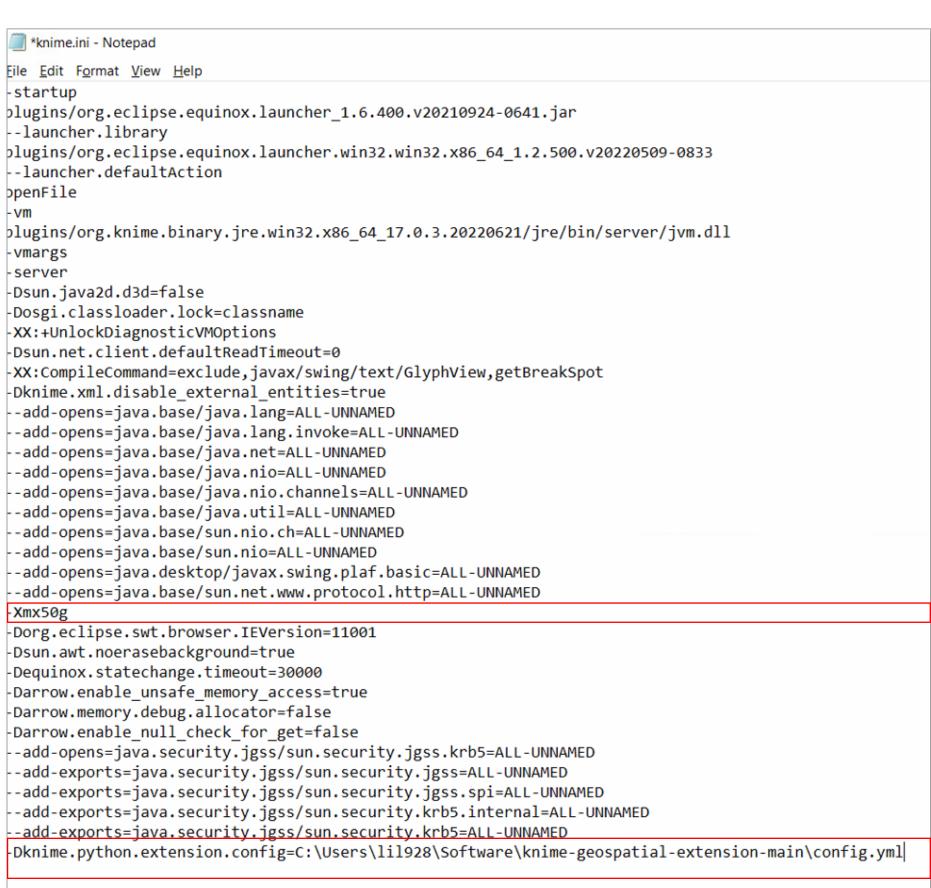


### Download Nightly Build

https://www.knime.com/nightly-build-downloads

Revise knime.ini with notepad, add path to config.yml





-Dknime.python.extension.config=C:\Users\lil928\Software\knime-geospatial-extension-main\config.yml





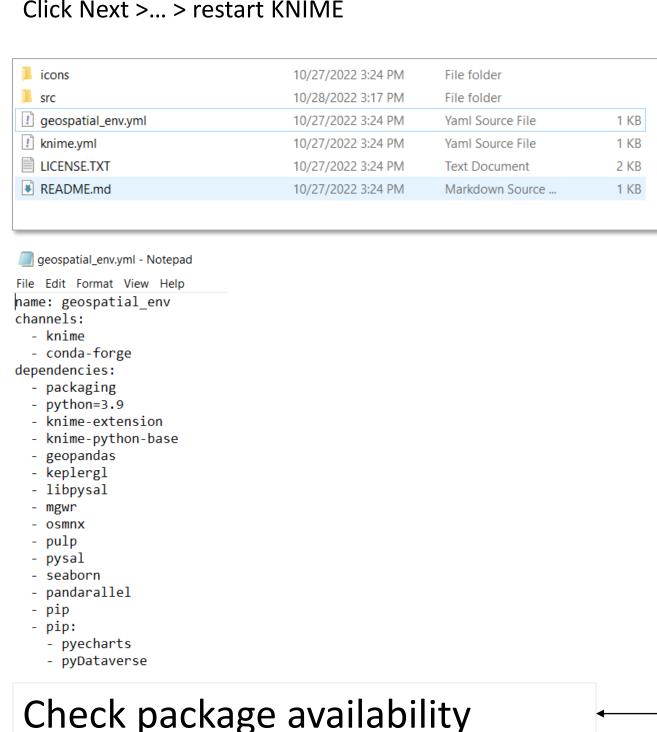
#### Install Python and Geospatial extension

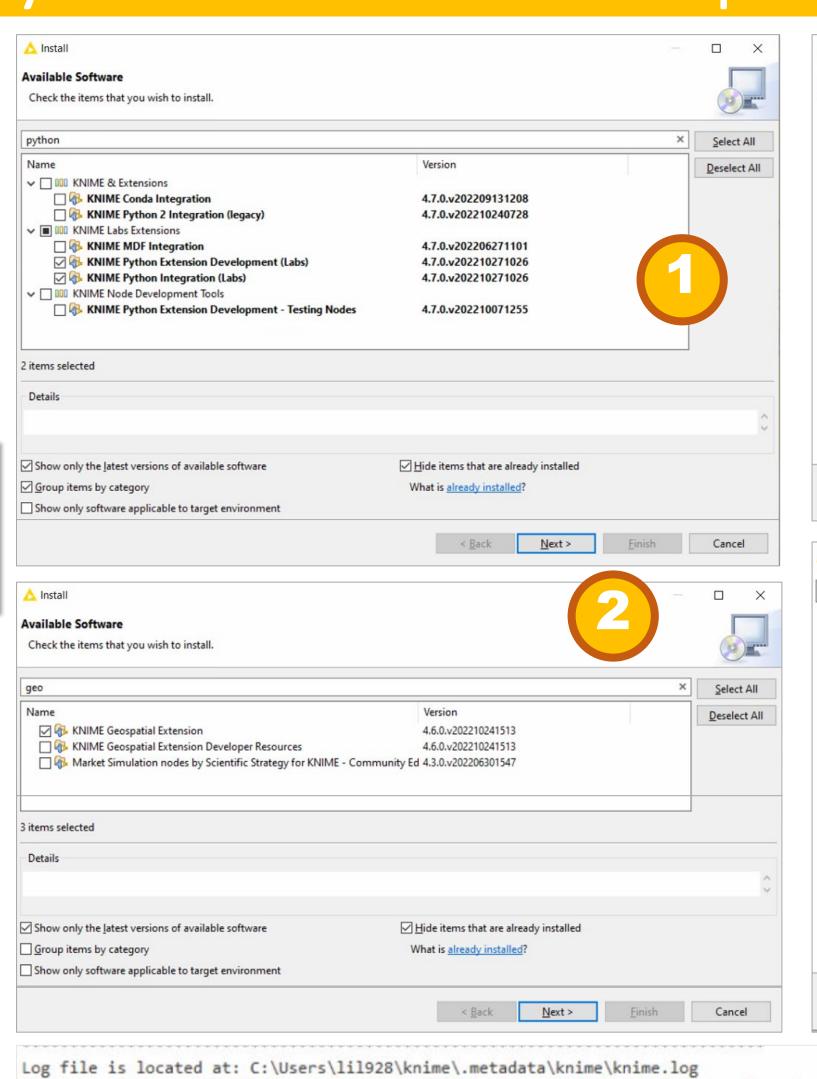
KNIME > install KNIME extensions

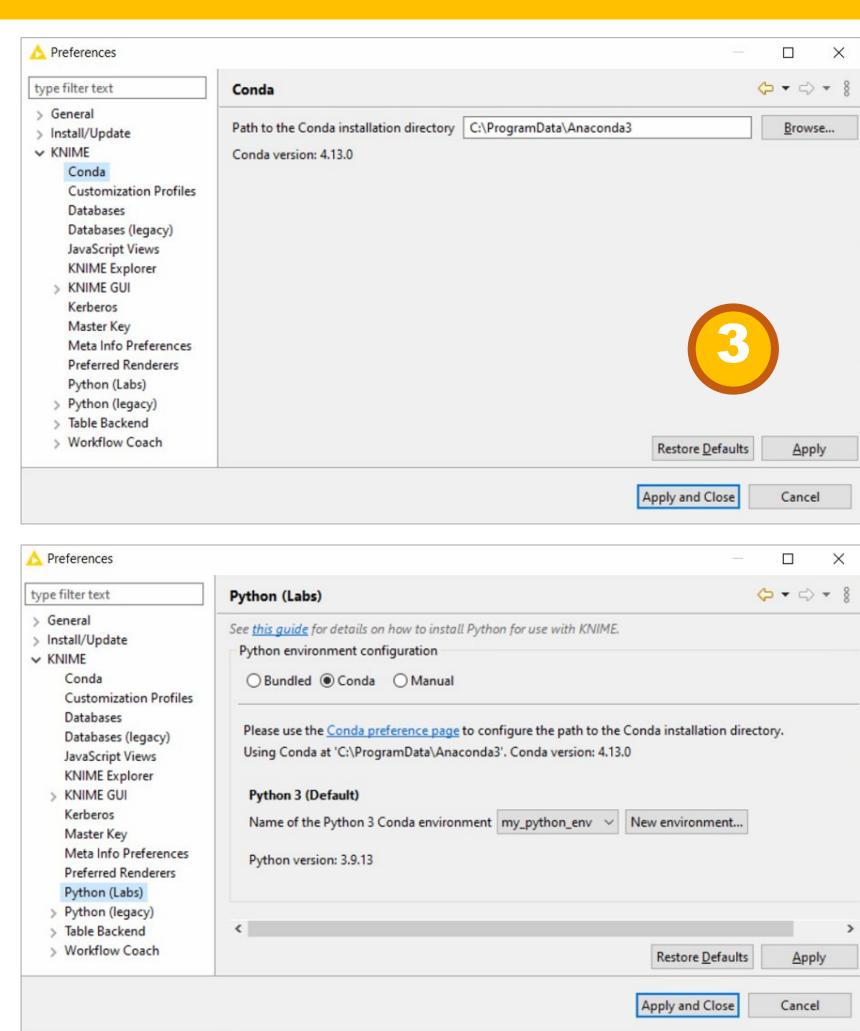
Search python> check KNIME Python Extension Development(Labs) KNIME Python Integration(Labs)

Search geo > uncheck Group item by category > check **KNIME Geospatial Extension** 

Click Next >... > restart KNIME

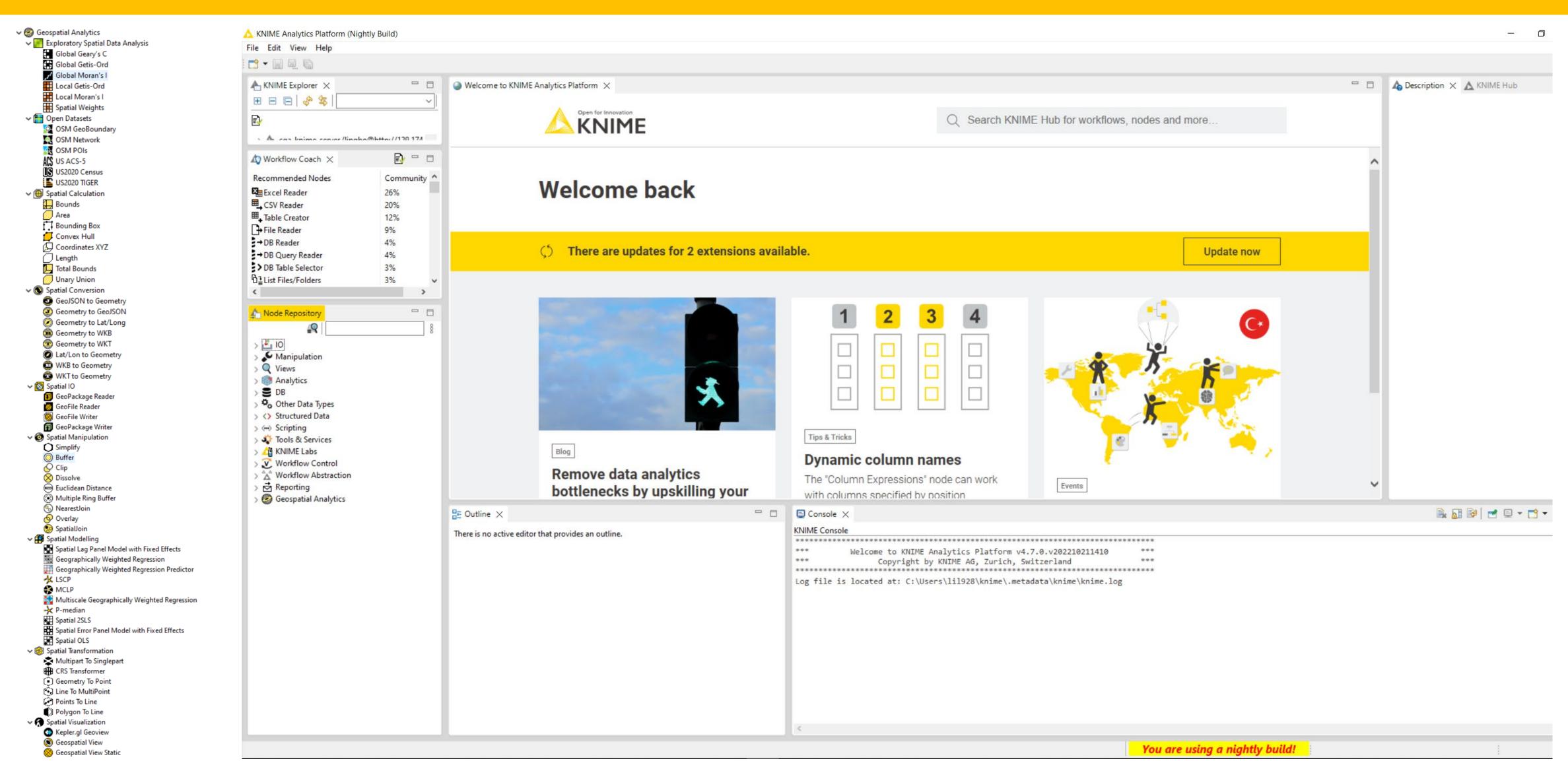






Failed to parse Python node extension at path 'C:\Users\lil928\Software\knime-geospatial-extension-main\knime extension'. Failed to parse Python node extension at path 'C:\Users\lil928\Software\knime-geospatial-extension-main\knime extension'.

#### Successful loaded Extension







Step By Step Installation Illustration

# KNIME Geospatial Analytics Extension

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