# **HOW TO USE PROJECT BROWSER**

## For first-time users

1. **Install & configure pip**

* Go to <https://www.python.org/downloads/windows/> and install the latest version of Python for Windows

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* Choose ONLY the option “Add python.exe to PATH” and Install

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1. **Install required libraries and run using Command Prompt (terminal)**

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* Create virtual path to network path**:** pushd \\racns\department\_2$\BusinessIntelligence\Decision Analytics\02\_Analytics\_Presentation\03\_RTO\_Analysis\Project Browser
* View files/folder in current directory: dir

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* Install required libraries to run the program: pip install -r requirements.txt

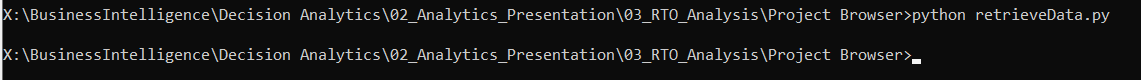
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\*\* It takes a while for the first time. Notice the line “Successfully installed” means all libraries are installed.

1. **Run procedure**

* RetrieveData.py to update metadata.txt database: python retrieveData.py



\*\* The code is done after it creates a line to process new commands

* mainCode.py to show the interface and perform the search: python mainCode.py

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\*\* After running the script, it takes 10-15 seconds to pop up a screen. This is where the project will take your keyword input and return most related folders fetched from the database.

1. **Close the terminal after using**

* To close the virtual path: popd

## For return users

**1st option: Faster but needs a little technical (5-8s to work)**

* Run commands listed in the “Run procedure” step in For first-time User

**2nd option: Go to “Project Browser” folder and double click retrieveData.py and mainCode.py (15-30s to work)**

* This requires no technical but takes more time

## FAQs & Useful commands to use

1. python -m pip install --upgrade pip: update to up-to-date pip
2. python --version: Check if Python is installed
3. pip --version: Check if pip is installed
   1. If pip or Python is not found, click back to the “python-3.12.4-amd64” file you installed and choose “Uninstall” + make sure that reinstall with the right option I mentioned above. You need python.exe in the PATH to make the program work