**Seeker**

**Overview**

Seeker is a GUI-based application for finding and processing files across directories. You can select a folder, it will provide a quick output of all the subfolder directories and the paths. After, you can then choose to run a process that outputs an excel file with all the files sorted by extensions in each sheet name.

It has two main operational modes:

* Local directory processing
* SLURM-based cluster processing

**Step-by-Step Instructions for Local directory processing [small folder, ~50GB]**

**Setup**

1. **Activate the Virtual Environment, Open a terminal,**
2. python Seeker\_Gui.py

**Usage**

1. **Select the desired folder [~50GB]**
   1. **This will output a txt file of all the subdirectory folders**
2. **Select a folder of batch.txt files or a single batch.txt file**
   1. **This will run a process to output an excel worksheet summary, sorting all files by extension.**
   2. **This excel sheet will have filename, path, createdDate, modifiedDate, size**