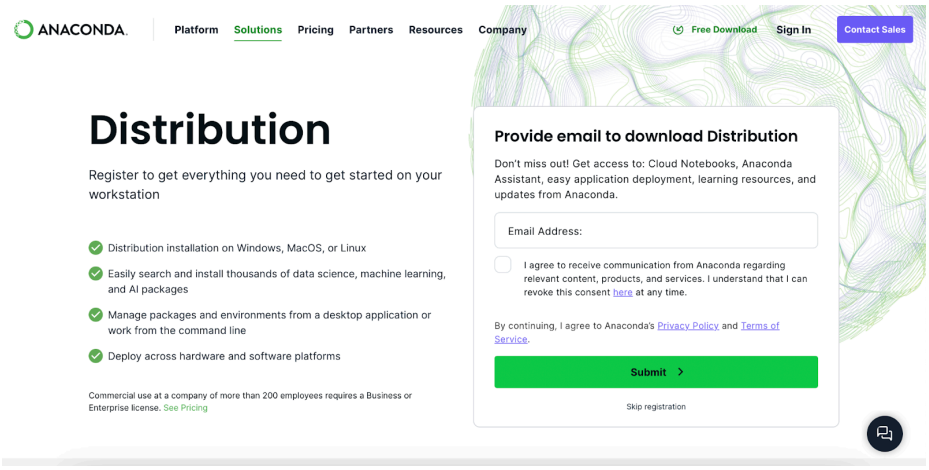
First Time Installation Instructions (Rerun Instructions on page 5)

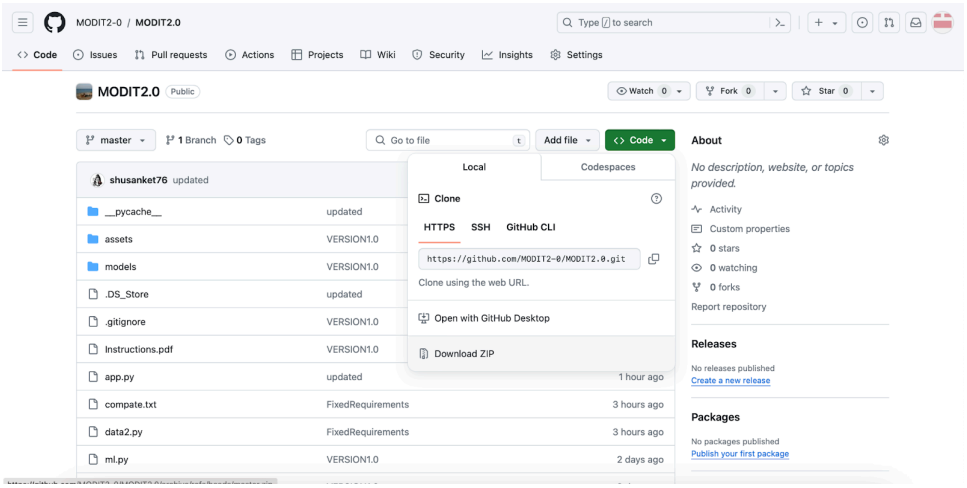
1. Download and install anaconda at https://www.anaconda.com/download.



2. Download the zip file from the Github repository at https://github.com/MODIT2-0/MODIT2.0/tree/master

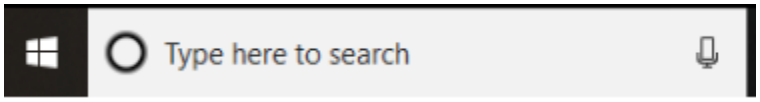
   Press the green Code button.

   Then press “Download Zip”

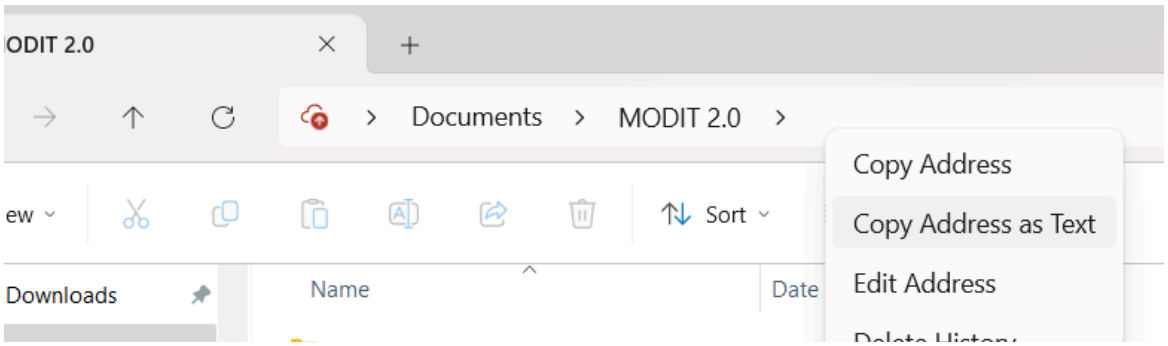


3. Extract the zip

4. Open the Anaconda Prompt by searching for it in this.



5. Navigate to the MODIT2.0-master folder by using the command: cd followed by the path to the folder (ex. C:\Users\username\Desktop\MODIT2.0-master). On windows, this path can be copied from file explorer by right clicking the address bar and selecting “Copy Address as Text.”



You can use dir to see the contents of the directory.

6. Type in, “conda create -n modit python=3.11”

```
(base) C:\Users\hpw-stu\Downloads\MODIT2.0-master>conda create -n modit python=3.11
Channels:
 - defaults
Platform: win-64
Collecting package metadata (repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: C:\Users\hpw-stu\AppData\Local\anaconda3\envs\modit

  added / updated specs:
    - python=3.11


The following packages will be downloaded:

    package                    |            build
    ---------------------------|-----------------
    bzip2-1.0.8                |       h2bbff1b_6          90 KB
    ca-certificates-2024.3.11  |       haa95532_0         128 KB
    libffi-3.4.4               |       hd77b12b_1         122 KB
    openssl-3.0.13             |       h2bbff1b_1         7.5 MB
    python-3.11.9              |       he1021f5_0        18.3 MB
    sqlite-3.45.3              |       h2bbff1b_0         973 KB
    tzdata-2024a               |       h04d1e81_0         116 KB
    xz-5.4.6                   |       h8cc25b3_1         609 KB
    zlib-1.2.13                |       h8cc25b3_1         131 KB
    ------------------------------------------------------------
                                           Total:        27.8 MB

The following NEW packages will be INSTALLED:

  bzip2              pkgs/main/win-64::bzip2-1.0.8-h2bbff1b_6
  ca-certificates    pkgs/main/win-64::ca-certificates-2024.3.11-haa95532_0
  libffi             pkgs/main/win-64::libffi-3.4.4-hd77b12b_1
  openssl            pkgs/main/win-64::openssl-3.0.13-h2bbff1b_1
  pip                pkgs/main/win-64::pip-23.3.1-py311haa95532_0
  python             pkgs/main/win-64::python-3.11.9-he1021f5_0
  setuptools         pkgs/main/win-64::setuptools-68.2.2-py311haa95532_0
  sqlite             pkgs/main/win-64::sqlite-3.45.3-h2bbff1b_0
  tk                 pkgs/main/win-64::tk-8.6.12-h2bbff1b_0
  tzdata             pkgs/main/noarch::tzdata-2024a-h04d1e81_0
  vc                 pkgs/main/win-64::vc-14.2-h21ff451_1
  vs2015_runtime     pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2
  wheel              pkgs/main/win-64::wheel-0.41.2-py311haa95532_0
  xz                 pkgs/main/win-64::xz-5.4.6-h8cc25b3_1
  zlib               pkgs/main/win-64::zlib-1.2.13-h8cc25b3_1
```

7. Enter “y” and press enter

```
Proceed ([y]/n)? y
```

8. To start the Virtual Environment:
   - Enter conda activate modit

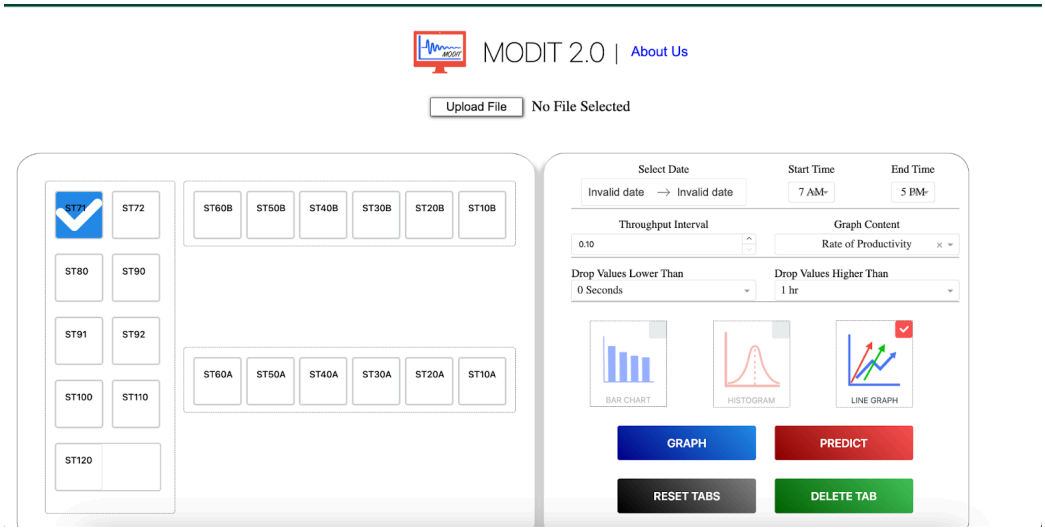
```
(base) C:\Users\hpw-stu\Downloads\MODIT2.0-master>conda activate modit
```

9. To download requirements:

   Enter “pip3 install -r requirements.txt” to install required libraries.

```
(modit) C:\Users\hpw-stu\Downloads\MODIT2.0-master\MODIT2.0-master
```

10. Enter “python app.py” to start running the program.
11. Wait a few minutes until the command prompt reappears.
12. Copy the link to the local host and paste it to your web browser.
13. The following webpage should appear



14. Using the “Upload File” button, upload the XLSX file and wait a few minutes for the file to load in.
15. Predict future machine performance by simply pressing the “Predict” button.
16. Create Graphs by selecting at the very least:

    Machine names

    Start Day to End Day

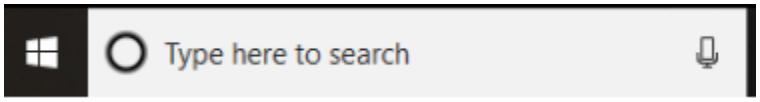
    Start Time to End Time

    Graph Content

    Graph Type

To run the software again:

1. Open the Anaconda Prompt by searching for it in this.



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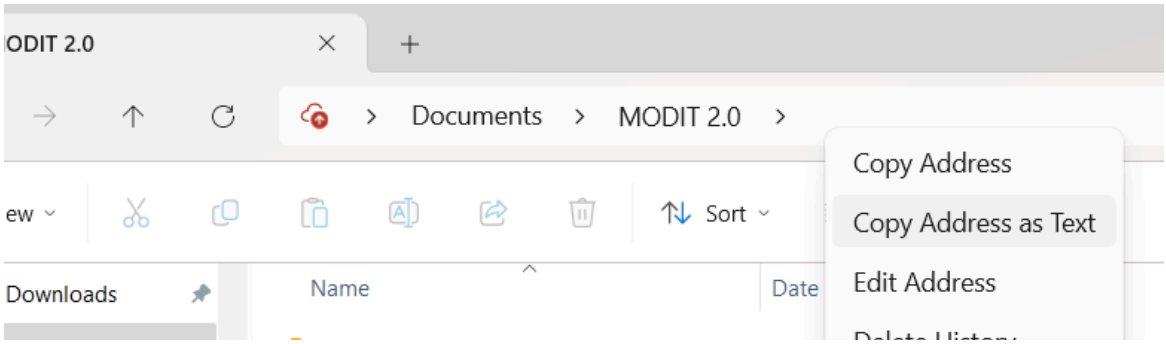

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    - Enter conda activate modit

4. Enter “python app.py” to start running the program.