A. Create python environment (only once)

1. Install **Anaconda:** https://www.anaconda.com (should work without admin rights when you install for your user, thus install in a folder owned by you (*e.g.* Documents/anaconda))
2. Open Anaconda Navigator, and create a new environment:
    a. Click on the 'Environments' tab, then the 'create (+)' button at the bottom of your listed environments.
    b. Give the environment a name (*e.g.* GlycoTools-env) and select Python, and select **python 3.10** (if this does not exist, use a python 3.x version (with x as high as possible))
    c. Wait until the environment is created: the installation progress is shown in the bottom
3. Install the required Python packages in your newly created environment:
    a. Make sure you selected your newly created environment (*GlycoTools-env*)
    b. Click on the 'play' icon next to your environment 'GlycoTools-env', and select 'open in Terminal'
    c. For each of the package below, type:
    conda –c conda-forge install <package>
    NOTE: replace <package> with the package name below, and press 'y' when requested, confirm by hitting 'return'; If there is an error, try the package name without '==number':
        i. dash==2.6.1
        ii. dash-core-components
        iii. dash-bootstrap-components
        iv. matplotlib==3.5.2
        v. biopython
        vi. pandas
        vii. numpy

B. Run Dashboard

1. Open Anaconda Navigator
2. Go to the tab 'Environments', and select your newly generated environment ('GlycoTools-env')
3. Click on the green 'play' icon next to your environment, and select 'Open Terminal'
4. Navigate to your GlycoTools folder (where *app.py* is located)
    command: cd <folder> *for example: cd C:/Users/ga74dez/Downloads/GlycoTools/*
5. Run GlycoTools:
    command: python app.py
6. After a while you will see on your terminal something like:
    'Dash is running on http://<ip-address>:8050/'
    Copy-paste (with ctrl-shift-c) this link to your web browser, and you can use the dashboard

C. Close Dashboard

1. Go back to your terminal
2. Type ctrl-C
3. Close the terminal and Anaconda Navigator