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# 1. Introduction 5. Running WaporAct

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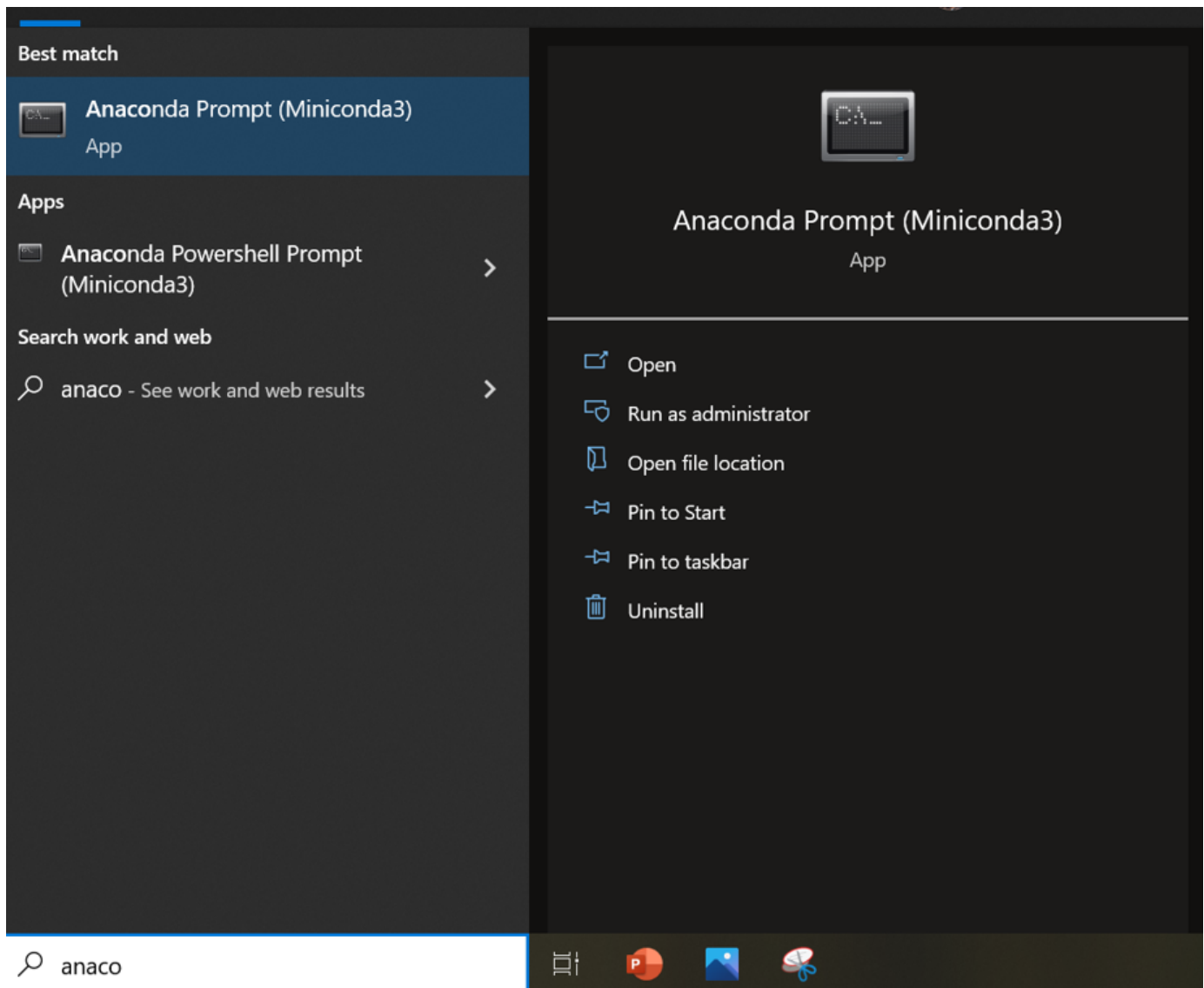
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## Running WaPORAct with Jupyter:

### 1. Turn on Anaconda Prompt

#### 1.1 In the window search bar navigate to anaconda prompt and run it



### 2. activate the waporact env or the env holding the waporact package for you using the following code:

```
conda activate waporact
```

NOTE: This can be done from any location. Once you create a conda env it is no longer linked to the folder where the package came from `c:/git/waporact`. It is now connected to conda and in anaconda prompt can be activated using the right conda command from any file location.

NOTE: The above code can only be run from Anaconda prompt. to use conda commands form

normal command line you need to register the location of the conda commands in the path system variable. For those interested and running miniconda3 this requires adding the path : C:\Miniconda3\condabin to the path system variable. This step is not required however and as long as you work in anaconda prompt conda commands will work fine.

3. change to the WaPORAct Git directory by running the following code:

```
cd c:/git/waporact
```

4. Run the following code to activate jupyter notebook:

```
conda activate waporact
```

## Editing and Runing WaporAct via a code editor or cmdline (ADVANCED):

To work on and edit WaporAct via a code editor (IDE) you need to pick and install one first. I would recommend pycharm: <https://www.jetbrains.com/pycharm/> or visual studio code: <https://code.visualstudio.com/>. From there you can open the scripts of WaPORAct directly in the code editor. Visual studio code also supports notebooks But in general I would use jupyter if working with a jupyter notebook.

To run the code from WaPORAct via bash/cmdline and/or an IDE you need to include an if **name** == "main" section at the bottom of your script which will allow running of the code.

for details on if **name** == "main" see : [https://www.geeksforgeeks.org/what-does-the-if-\\_\\_name\\_\\_-\\_\\_main\\_\\_-do/](https://www.geeksforgeeks.org/what-does-the-if-__name__-__main__-do/)

For details on how to run python scripts from the cmdline there are many tutorials available, such as:

<https://realpython.com/run-python-scripts/#how-to-run-python-scripts-using-the-command-line>

to include arguments:

[https://linuxhint.com/add\\_command\\_line\\_arguments\\_to\\_a\\_python\\_script/](https://linuxhint.com/add_command_line_arguments_to_a_python_script/)

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