Blenheim Chalcot Data Engineer Assignment

Pre-requisites and Installations

The document is prepared strictly with respect to the **Blenheim Chalcot** Data Engineer Assignment.

Tools/Technologies:

- Anaconda Jupyter Notebook
- Python IDLE (3.7) (as an alternate)

Modules used and installation:

- Requests
- csv
- xml.etree.ElementTree

If any of the module gives the error "No Module found error: $module name "after importing "import $module name", please install on windows:

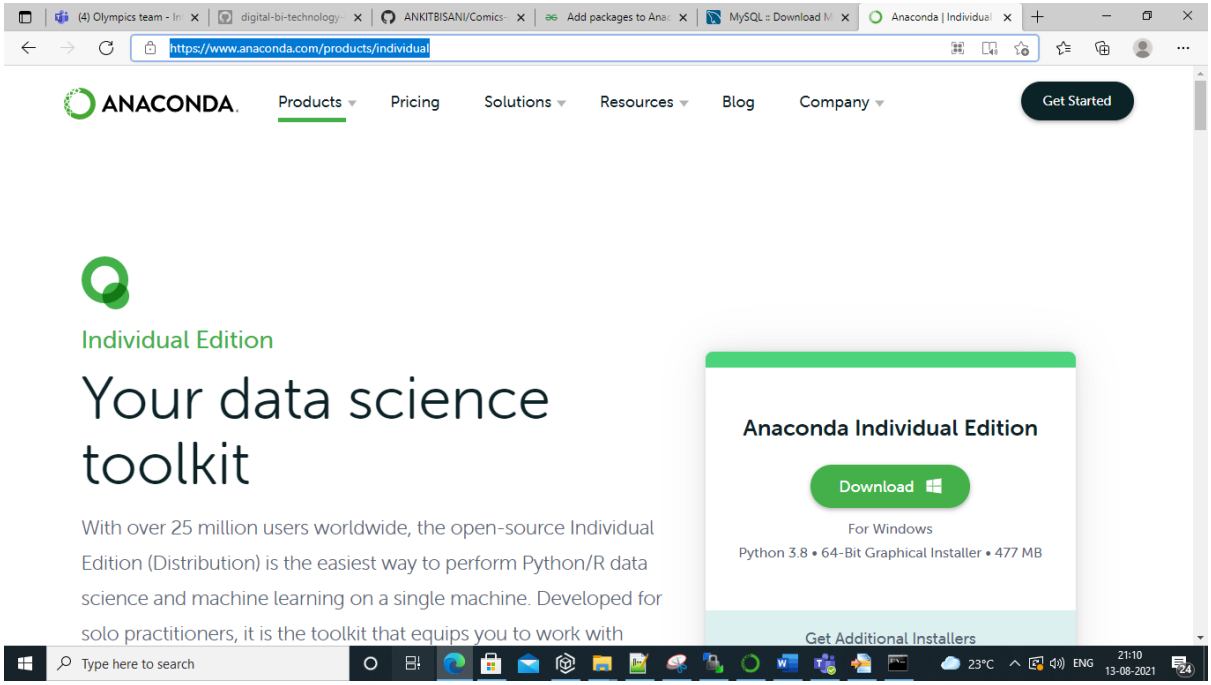
Py -m pip install $module name

Alternate:

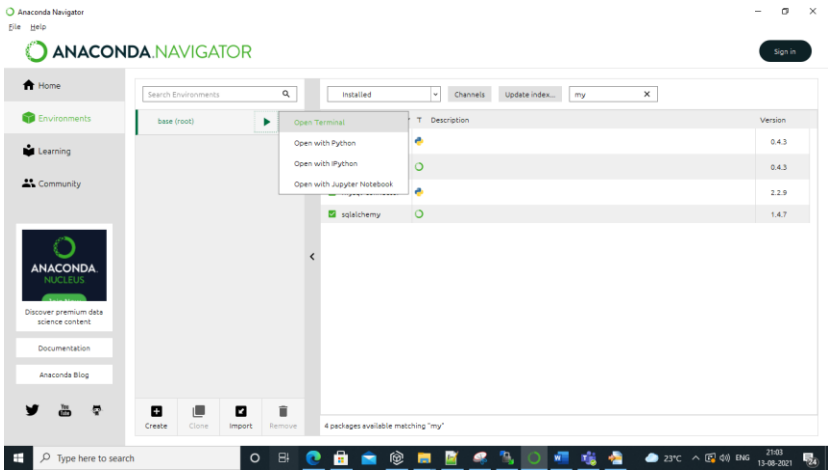
If you are using Anaconda Jupyter Notebook, follow below steps:

Steps 1: Download Anaconda individual addition

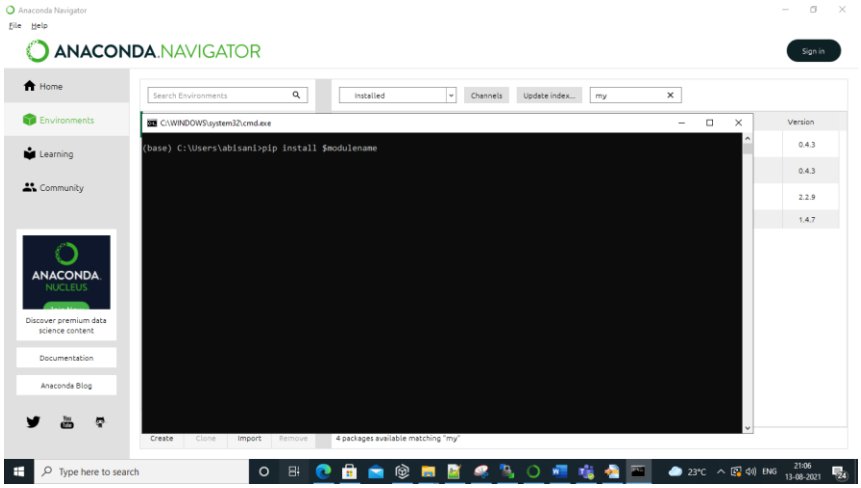
[Anaconda | Individual Edition]



Step 2: Go to Environments



Step 3: Install the modules as in screenshot



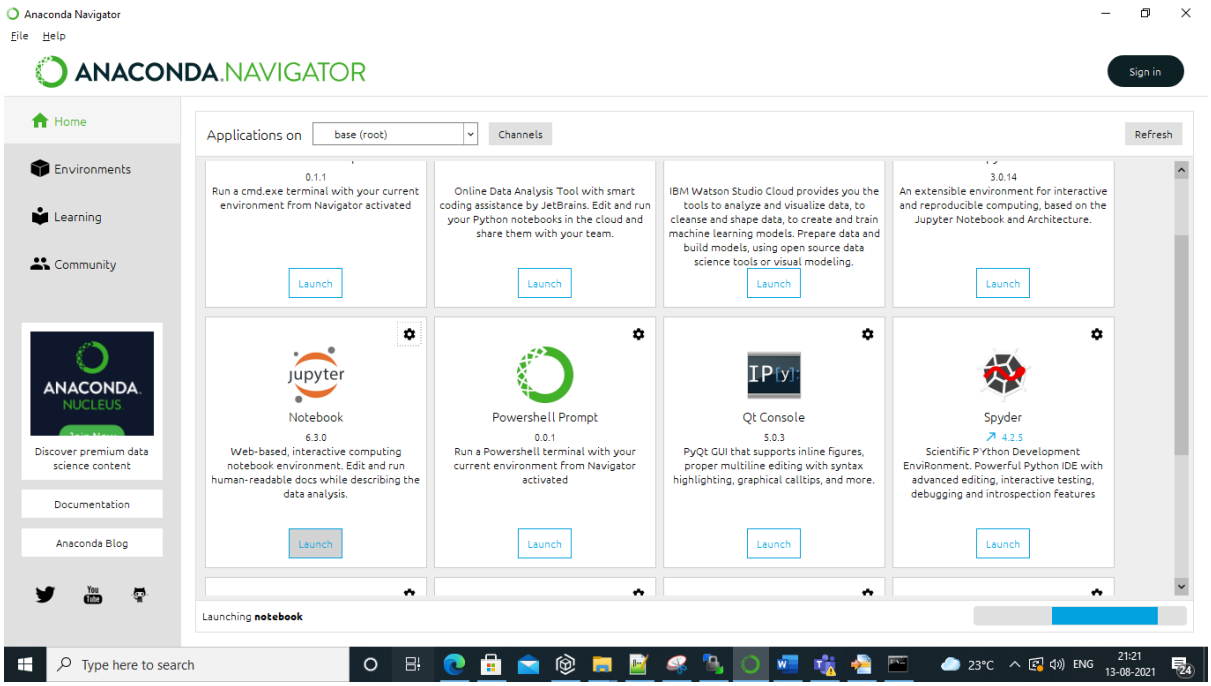
Use Case:

1. Retrieves "Top Stories" from this parliament data RSS feed endpoint: https://www.europarl.europa.eu/rss/doc/top-stories/en.xml

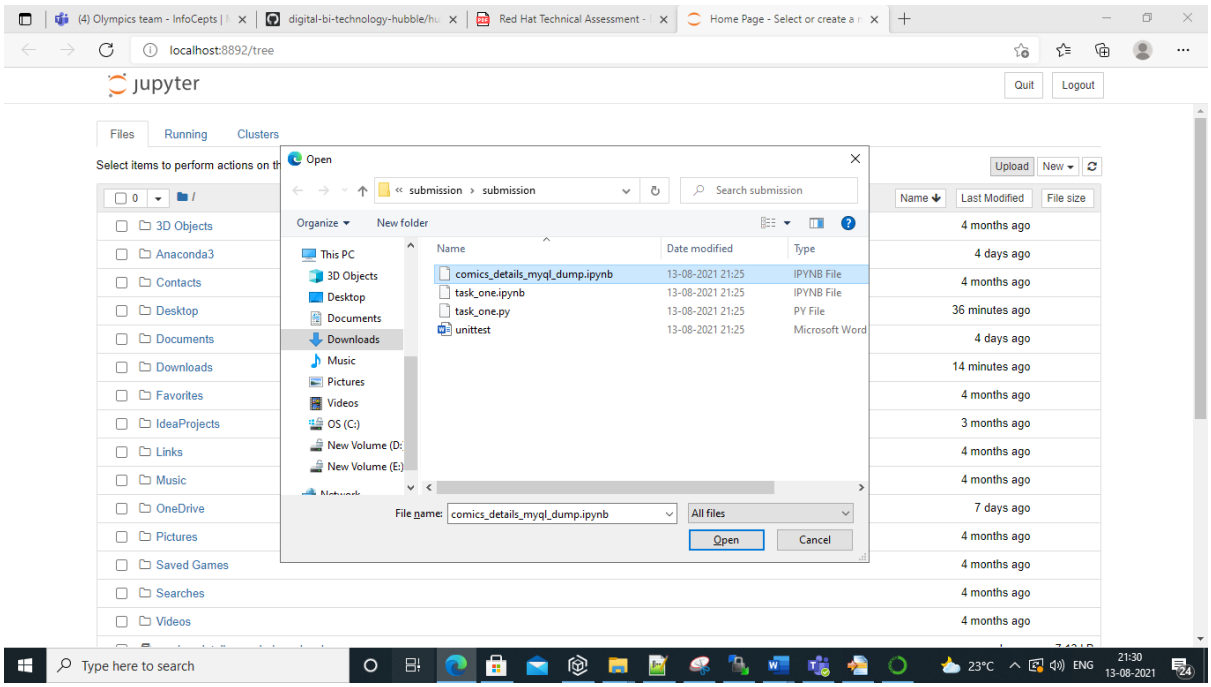
2. Outputs a CSV file of the data.

Solutions:

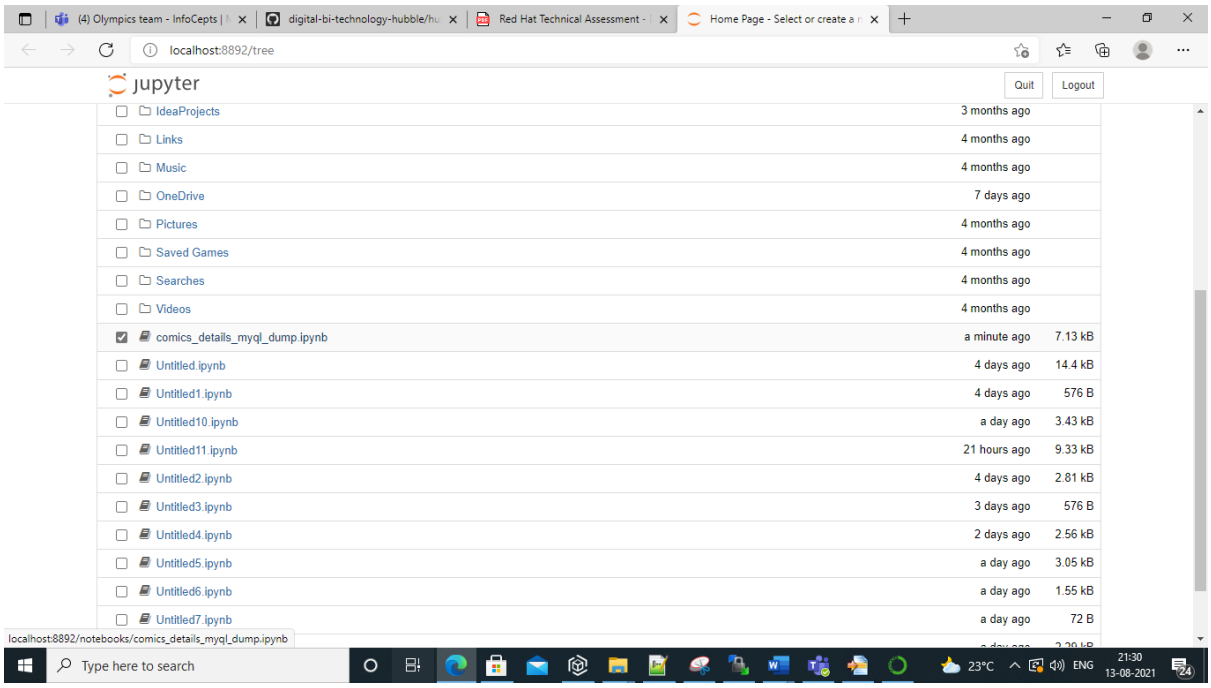
Step 1: Launch Jupyter Notebook



Step 2 : Upload the downloaded file : top_stories.ipynb **from the Git link mentioned in the mail**



Step 3: Open the file: top_stories.ipynb



Step 4: Run the File: top_stories.ipynb **and check for the root folder for the** topstories **csv file :**