**Use the links provided in Links to Python Notebooks.txt**

Execution instructions for Q1 and Q3 (Google Colab notebooks):

1. Open the links with your **Northwestern email address**
2. Click on Open with Colab
3. Once the Google Colab editor has opened, **click on open in Playground mode near the top left corner of the screen.**
4. Now execute the cells and observe the results

Q1. ML Flagging:

<https://colab.research.google.com/drive/13KmfroDv8ZJXdK4Limb4vM3OCh3G3rXB>

Q3. N-gram:

<https://colab.research.google.com/drive/1Ck1PhS12NVUhW_RnHihbONFcKILQxatq>

Q2: Number of Complaints

<https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/3088900325675746/4281434282507131/3349831233202429/latest.html>

Q4: Severity

<https://databricks-prod-cloudfront.cloud.databricks.com/public/4027ec902e239c93eaaa8714f173bcfc/3088900325675746/846831505272150/3349831233202429/latest.html>

* These can be imported directly into DataBricks

**Alternate (not recommended):**

* **These instructions are only if someone wishes to setup the repository on their local computer. We recommend using the Google Colab notebooks instead**.
* The project files are present inside the Extra\_local\_src\_files folder.
* Create a new conda environment
* Install the following libraries using pip:
  + sklearn
  + nltk
  + pandas
  + matplotlib
  + psycopg2-binary
* Then the files under code folder (ML\_flagging.py, nGramBuilder.py, nGramMain.py) can be executed.