Engineering Challenge

Problem Statement

You are asked to design and develop a web API that identifies if comments on a given subfeddit or category are positive or negative.

Given the name of a subfeddit the application should return:
- A list of the most recent comments. Suppose a limit of 25 comments.
- For each comment:
    - The unique identifier of the comment
    - The text of the comment
    - The polarity score and the classification of the comment (positive, or negative) based on that score.

Optionally, you should allow the user to modify the query as follows:
- Filter comments by a specific time range
- Sort the results by the comments polarity score.

Requirements

The application must be written in Python and non-code deliveries must be in the English language. Please ensure that your code in understandable and production-ready.

Expected delivery

We expect you to provide a link to a code repository containing your proposed solution to this challenge. Alternatively, you may also submit an attached file.

Hints

Get familiar with Feddit, which stands for fake Reddit, and mocks the reddit API. All the information related to Feddit is in the zip file attached.

Additional hints

Keep in mind that we will be focusing on the engineering aspects of the task, so you are not required to build a model from scratch. If you prefer, you can use an external API for the model.

Deployment is optional but be aware that we are expecting to be able to run the code.