

- **how you approached the solution –**

Understanding the Problem –

First, I read the problem statement to understand the requirements and objectives.

Designing the Solution - I planned the structure of the code, deciding on the necessary functions and their roles.

1. Breaking down the problem in small parts (like data extraction, smaller steps as stated in assignment.
2. Determining the input and output of each function.
3. Writing the Code - I implemented the solution in Python, ensuring the code was readable, and well-arranged.
4. Testing the Solution - After writing the code, I verify the performance of the solution.

- **How to run the .py file to generate output –**

1. Prepare Python environment
2. Install Dependencies - Use pip to install any required dependencies.

This can be done by running

**pip install -r requirements.txt**

3. Execute the Script – run command in terminal  
**python sentiment\_analysis\_blackcoffer.py**

- **dependencies required – all are in requirements.txt**