

Set the Goals

Define the output you want to create in a couple of sentences

Develop a system to scrape tweets, clean text data, and perform sentiment analysis using Python's NLTK library to categorize public opinion.

Add the skills that you want to learn by the end of the menternship

1

Python & Pandas (Data Manipulation) NLTK & NLP (Natural Language Processing)

Data Cleaning (Preprocessing text) Data Visualization (Presenting results)

Add the key learnings you want

1. Mastering text preprocessing (tokenization, removing stopwords).
2. Understanding sentiment algorithms (Naive Bayes), Model building(SVM), Logistic Regression
3. Visualizing insights with Matplotlib/Seaborn.

3

Major Constraints

Add the constraints you face in working on the tasks mentioned in the menternship (for example: data cleaning, creating a content calendar)

1. Constraint: Handling slang, sarcasm, and emojis. -> Solution: Use specialized libraries

2

2.Constraint: Twitter API limits. -> Solution: Use small batches of data or public data

3

Find resources on your own that can help you and add below

[EDA](#)

[NLP Preprocessing](#)

[Tokenization](#)

[NLTK Python](#)

Add the schedule

Add the Schedule Below

Stage	Add the deadline by when you want to complete the corresponding steps	Tick when completed
Start of the Menternship	December 10, 2025	TRUE
Complete the Workplan and Submitted	16-12-2025	TRUE
Component 2	18-12-2025	FALSE
Component 3	24-12-2025	FALSE
Component 4	30-12-2025	FALSE
Component 5	05-01-2026	FALSE
Completed the Menternship		FALSE
Recieved the Feedback over email		FALSE
Submitted the Final Draft		FALSE

Add the Schedule for Mentor Sessions you want to attend

Stage	Date (Double click on the cell below and add a date)	Tick when completed
Mentor Session 1	December 10, 2025	TRUE
One on One Call (Book one when you have specific queries)		FALSE

Mentor Session 2		FALSE
Mentor Session 3		FALSE
One on One Call (Book one when you have specific queries)		FALSE
Mentor Session 4		FALSE

Do not alter

You need to fill