*NLP Sentiment Analysis:*

**Business Objective**: Extracting sentiment from customer reviews on a product

**Data Set Details:**

The dataset should be scraped/extracted from ecommerce websites like amazon etc.

Preferably amazon and focus only on extracting customer reviews , rest are not required

**Acceptance Criterion:**

Need to deploy the end results (sentiment analysis) using Rshiny/ Streamlit /Flask etc.

**Milestones:**

**45 days to complete the Project**

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| **Milestone** | **Duration** | **Task start - End Date** |
| Kick off and Business Objective discussion | 1 day | 30-Jun-2025 |
| Dataset Discusiion | 2 days | 2-Jul-2025 |
| EDA/Student interactive | 1 Week | 7-Jul-2025 |
| Model Building/ Evaluation | 1 Weeks | 14-Jul-2025 |
| Deployment | 1 Week | 21-Jul-2025 |
| Final presentation | 1 week | 28-Jul-2025 |

Protocols:

1. All participants should adhere to agreed timelines and timelines will not be extended.
2. All the documentation – Final presentation and R/python code to be submitted before the final presentation day.
3. All the participants must attend review meetings.