*NLP Sentiment and classification analysis:*

**Business Objective**: Extracting customer reviews on a product ( around 1000 reviews), doing sentiment analysis, and then building a classification model to predict the sentiment.

**Data Set Details:**

The dataset should be scraped/extracted form 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 Streamlit etc.

**Milestones:**

**30 days to complete the Project**

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| **Milestone** | **Duration** | **Task start - End Date** |
| Kick off and Business Objective discussion | 1 day |  |
| EDA | 1 Week |  |
| Sentiment Analysis | 1 Week |  |
| Model Building & Evaluation | 1 Week |  |
| Feedback | 1 week |  |
| Deployment |
| Final presentation | 1 Day |  |

Protocols:

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