**“Daily”** Data Analysis for a Product listed on Amazon

Business Objective:

1. Need to get daily Analysis of a product such as emotions, sentiment etc. using Amazon data .It could be any product of your choice.

Architecture level analysis:

1. Need to pull the data of a product from Amazon
2. Data transformation/Text processing using R/Python
3. Need to get daily product sentiments Analysis and Emotion mining with some charts like histogram, Density plot, Barplot, pie-plot etc.
4. Deployment through R Shiny or Flask/ Streamlit

**Milestones: Phase 1**

| **Milestone** | **Duration** | **Task start - End Date** |
| --- | --- | --- |
| Kick off and Business Objective discussion | 1 day | 13-05-2022 |
| Data set Details | 1 Week – 1 ½ week |  |
| EDA | 1 Weeks – 1 ½ week |  |
| Model Building | 1 Week – 1 ½ week |  |
| Model Evaluation | 1 week |  |
| Feedback |  |
| Deployment | 1 Week |  |
| Final presentation | 1 day |  |

Protocols:

1. All participants should add here 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