Model Development Phase Template

Date	June 2025
Team ID	Team-739774
Project Title	Amazon Kindle Store Reviews Analysis
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Reviewer Name	The name or username of the person who wrote the review	No	The name does not impact the sentiment or quality of the review content.
Review Text	The actual content of the review written by the user	Yes	Core input for sentiment analysis and opinion mining.
Rating	Star rating provided by the reviewer (e.g., 1 to 5)	Yes	Strong indicator of overall sentiment and helps in classification tasks.
Review Date	The date on which the review was posted	Yes	Useful for trend analysis and understanding review recency.
Verified Purchase	Indicates if the reviewer actually purchased the product	Yes	Adds credibility to the review and helps in filtering fake/spam reviews.
Helpful Votes	Number of users who found the review helpful	Yes	Indicates review usefulness and community perception.
Product ASIN	Unique Amazon Standard Identification Number for the product	Yes	Allows linking reviews to specific Kindle products.
Review Title	Title or summary of the review	No	May overlap with review text and often lacks depth for sentiment extraction.

Review Length	Number of characters or wo	Yes	Longer reviews may contain more detailed sentiment and useful insights.
Reviewer Location	Geographical location of the reviewer	No	May not significantly impact sentiment analysis; often unavailable.
Device Used	Device used for posting the review (e.g., mobile, desktop)	No	Not essential for sentiment or trend analysis
Review Sentiment	Pre-calculated sentiment label (positive, negative, neutral)	Yes	Useful as a target variable for model training or validation.
Review Language	Language in which the review is written	Yes	Helps filter out non-English reviews or apply language-specific processing.