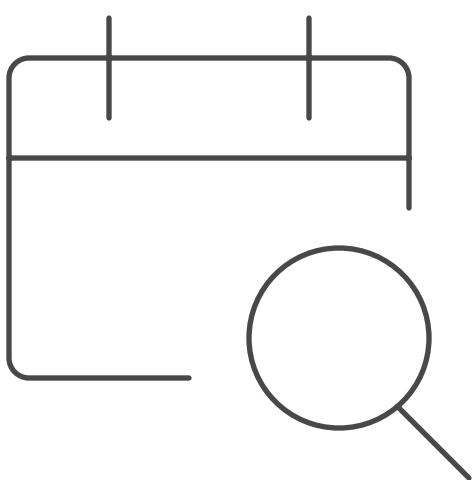# 👥🌟 User Manual: Twitter News Sentiment Project

This user manual provides step-by-step instructions for using the Twitter News Sentiment Project interface. The platform allows users to explore news articles by date, read full articles, view related tweets, and provide feedback on the relevance of tweets to news stories.

1. Accessing News Articles by Date

- At the top of the interface, you will see a heading indicating the currently selected date for news articles (e.g., "News Articles for 2025-04-30").
- To filter news articles by a specific date:
  - Use the "Filter by Date" field.
  - Select or enter your desired date in the format DD/MM/YYYY.
  - Click the "Filter" button to update the list of news articles to match your chosen date1.

News Timeline

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2. Viewing News Headlines and Summaries

- The interface displays a list of news headlines for the selected date.
- Each headline is presented as a clickable link (in blue and underlined).
- Below each headline, you will find:
  - **Tweet Summary**: A brief summary of related tweets.
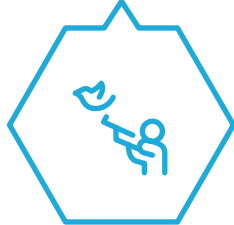 - **News Summary**: A concise summary of the news article2.

News Headline Components

News Summary
Concise summary of news article

Headline Link
Clickable link to news article

Tweet Summary
Summary of related tweets

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3. Reading Full News Articles

- To read the full news article:
  - Click on the headline link.
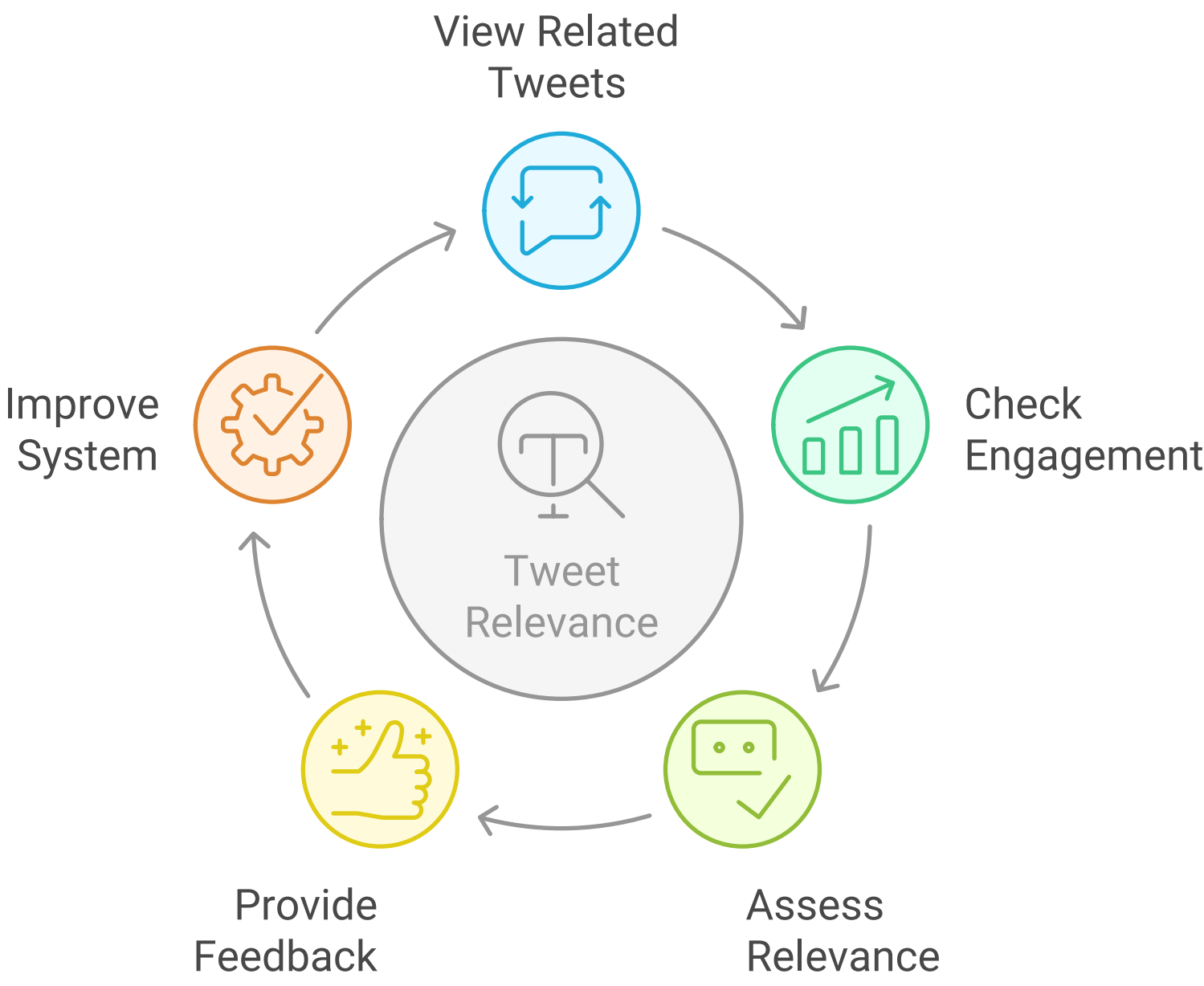 - This will open the complete article for detailed reading2.

4. Viewing and Interacting with Related Tweets

- For each news article, you can view tweets related to the story:
  - Click the "Show/Hide Top Tweets" button below the news summary.
  - A list of relevant tweets will appear, each accompanied by engagement statistics (likes, retweets, replies) and a confidence score indicating the tweet's relevance to the article3.

5. Providing Feedback on Tweet Relevance

- For each displayed tweet, you can indicate whether it is relevant to the news article:
  - Click the green "Relevant" button if the tweet accurately relates to the news story.
  - Click the red "Not Relevant" button if the tweet does not pertain to the article3.
- Your feedback helps improve the system's ability to match tweets to news articles.

Cycle of Tweet Interaction and Feedback

View Related Tweets

Check Engagement

Improve System

Tweet Relevance

Provide Feedback

Assess Relevance

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6. Additional Features and Tips

- **Engagement Metrics**: Each tweet displays the number of likes, retweets, and replies for context.
- **Confidence Score**: Indicates the system's confidence in the tweet's relevance (closer to 1 = higher confidence).
- **User Experience**: You can filter news for any past date, explore articles in detail, and contribute to refining tweet relevance through your feedback.
- **Accessibility**: The interface is designed for ease of navigation, with clear buttons and clickable headlines.