

Sentiment analysis of tweets about products.

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Problem:

Analyze user tweets for a specific product to determine the overall sentiment whether it is positive or negative.

Approach:

- Collect tweets from twitter.
- Classify the tweets into positive and negative sentiment.
- Train a text classifier to recognize the positive and negative sentiment.
- Test the classifier on tweets about product reviews.

Data Collection:

- Collect twitter data related to product.
- Retrieve 7 days of tweets.
- Tokenize the entire tweet and analyze the sentiment.
- Twitter's rest API will be used to collect the data.

Task deadlines:

- Data collection by 10/30.
- Text classifier to use by 11/05.
- Tokenization of the data by 11/10.
- Classifier implementation by 11/20.
- Testing and fine tuning by 11/30.