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Lecture: Naïve Bayes

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Error Analysis

There are several mistakes that could cause you to misclassify an example or a tweet. For example,

- Removing punctuation

- Removing words

Tweet: This is not good, because your attitude is not even close to being nice.

processed_tweet: [good, attitude, close, nice]

Tweet: My beloved grandmother :(

processed_tweet: [belov, grandmoth]

- Word order

Tweet: I am happy because I did not go.   😆

Tweet: I am not happy because I did go.   😭

- Adversarial attacks

These include sarcasm, irony, euphemisms.

Mark as completed