Data Glacier

Your Deep Learning Partner

IMPLEMENTATION OF HATE-SPEECH USING TRANSFORMERS

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Outline

- Problem Statement
- System architecture
- Result Evaluation
- Application Design
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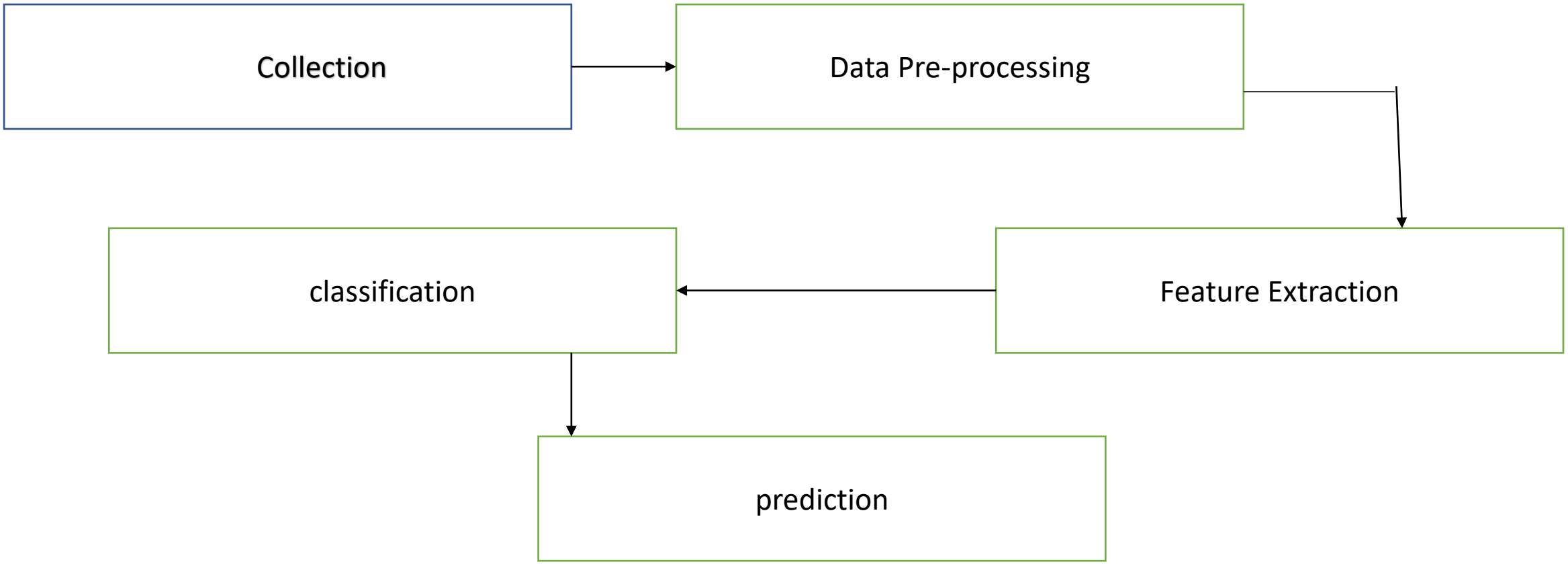
Problem Statement

Any form of communication—verbal, written, or nonverbal—that targets or employs disparaging or discriminatory language against an individual or group because of who they are—their religion, ethnicity, nationality, race, color, ancestry, sex, or another identity characteristic—is considered hate speech. We'll walk you through a model that detects hate speech in this issue.

The task of sentiment categorization is typically involved in hate speech detection. Therefore, by using data that is often used to categorize attitudes, a model that can identify hate speech from a specific piece of text may be trained. As a result, in order to identify tweets that include hate speech, we will use the Twitter tweets.

System Architecture



Data Collection

Tabular data details:

train_E6oV3lV **Total number of observations** 31962
Total number of files 1
Total number of features 3
Base format of the file csv
Size of the data 2.95 MB

test_tweets_anuFYb8 **Total number of observations** 17197
Total number of files 1
Total number of features 3
Base format of the file csv
Size of the data 1.55 MB