

This code in pandas is responsible for filtering a DataFrame of tweets and returning a new DataFrame containing only the 'tweet_id' column of tweets that have a content length ('content' column) strictly greater than 15 characters. Below is a description of the code:

1._ Filter Invalid Tweets (invalid_tweets_df): The str.len() function is used to obtain the length of the 'content' column of each tweet in the original DataFrame. Rows from the original DataFrame where the length of 'content' is strictly greater than 15 are then filtered out.

```
invalid_tweets_df = tweets[tweets['content'].str.len() > 15]
```

2._ Select 'tweet_id' from the Result DataFrame (result_df): A new DataFrame (result_df) is created containing only the 'tweet_id' column from the invalid tweets DataFrame. This is achieved using double bracket notation.

```
7 # Select only the 'tweet_id' column from the invalid tweets DataFrame
8 result_df = invalid_tweets_df[['tweet_id']]
```

Return Resulting DataFrame (return result_df): Finally, the function returns the resulting DataFrame containing only the 'tweet_id' column of the tweets that meet the length criteria.

Oscar Alexander Cruz López

Programmer Java Developer

Email: oscaralexander2000@gmail.com

linkendln