

The task is to perform some data cleaning and extraction on the Coachella Tweets dataset, which contains tweets related to the Coachella music festival

The following steps are required:

- Find all the hashtags in the tweets, such as #coachella, #beychella, etc. Extract them and save them in a separate column named "hashtags".
- Find all the emails in the tweets, such as example@gmail.com, user@yahoo.com, etc. Extract them and save them in a separate column named "emails".
- Write the following functions to remove unwanted elements from the tweets and apply them to the new tweets text column:
 - **remove_usernames**: This function should remove any usernames that start with @, such as @coachella, @beyonce, etc.
 - **remove_links**: This function should remove any links that start with http or https, such as https://www.coachella.com/, http://bit.ly/2GdOZLz, etc.
 - **remove_non_ascii_symbols**: This function should remove any symbols that are not part of the ASCII character set, such as emojis, accented letters, etc.
 - **to_lower**: This function should convert all the letters in the tweet text to lower case, such as COACHELLA to coachella, Beyoncé to beyoncé, etc.
 - **remove_stop_words**: This function should remove any common words that do not add much meaning to the tweet text, such as the, a, an, and, etc.
 - **remove_digits**: This function should remove any numbers in the tweet text, such as 2018, 10, 100, etc.
 - **remove_special_characters**: This function should remove any punctuation marks or other special characters in the tweet text, such as . , ! ? # \$ % & * () + = - _ [] { } ; : ' " / \ | < > ` ~, etc.