Do you believe in climate change?

Data Source: attached

Context:

The dataset contains tweets extracted from the social media twitter about different opinions concerning climate. The data includes the tweets and the users belief in global warming.

descriptions, speakers, and titles.

Solve these questions

1. Read the climateChange.csv dataset in your Google Colab as ted.
2. Determine the size of the dataset.
3. Display the first 3 rows of the dataset.
4. How many features, how many observations?
5. What is the confidence? what is the belief?
6. Is it a regression or classification problem?
7. Is it supervised or supervised learning? What is the output (target)?
8. What does this code do?

```
a. messagesTwitter[BELIEF] = (messagesTwitter[BELIEF]=='Yes').a
   stype(int)
```

9. How many tweets believe in climate change?
10. Can we use linear regression to solve this problem?
11. Mean, median, min and max values of the confidence.
12. Use a simple supervised algorithm to classify tweets
13. Create a new tweet and predict it using a condition.

Required packages

```
14.      #   PANDAS 0.24.2
15.      #   NUMPY 1.16.3
16.      #   SCIKIT-LEARN : 0.21.0
```

Important Guidelines:

1. Group has to prepare one Presentation with 5-10 Slides answering all the questions

asked above (maximum 10 mins).

2. Slides should include the followings (1-2 Slide(s) for each): Project Title and Student

Names, Problem Statement, Data Description and Source, Answers to the Questions

asked (2-4 slides), Name of the Methods used, What did you learn from this.

3. Present the project in front of a Jury followed by Question and Answer Session. Evaluation will be based on your work, presentation and answers to questions raised by the Jury.