**Who's Tweeting? Trump or Trudeau?**

Build a machine learning classifier that knows whether President Trump or Prime Minister Trudeau is tweeting!

#### Project Description

Now that you've completed [Natural Language Processing Fundamentals in Python](https://www.datacamp.com/courses/natural-language-processing-fundamentals-in-python), let's get started with applying our knowledge of text to a new domain: Twitter. Tweets are notoriously difficult, as they are shorter than most texts and usually have hard-to-parse content like hashtags, mentions, links and emoji.

Despite the difficulties, tweets are fun content, so in this notebook we'll take a look at classifying two prominent North American politicians. Can we determine if it is Donald Trump or Justin Trudeau based on just a tweet? Let's see!

#### Project Tasks

* 1 Tweet classification: Trump vs. Trudeau
* 2 Transforming our collected data
* 3 Vectorize the tweets
* 4 Training a multinomial naive Bayes model
* 5 Evaluating our model using a confusion matrix
* 6 Trying out another classifier: Linear SVC
* 7 Introspecting our top model
* 8 Bonus: can you write a Trump or Trudeau tweet?