Using social media to evaluate popularities and essential meanings of countries

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I will use twitter data to map the change of popularities of countries across time and the related dominant and essential meanings. Firstly, I use twitter n-grams to map the changes in the mentions of countries across time. Secondly I will take a few exemplary countries and describe the content of tweets about those countries. This will include analysis of dominant topics, sentiments and essential meanings. Methodologically, will use text embeddings and n-grams.

The primary essential meanings have been shown to be power and danger, meaning that I will map the change of perceived power and danger related to a sample of countries. The goal is to show the applicability of data science to understand the changes in our perceptions of different cultural groups and to apply the measurement of power-danger dynamics to twitter data.