

The background features a light gray field with various geometric elements. On the left, a complex network graph is visible, consisting of numerous black dots (nodes) connected by thin gray lines. Scattered across the entire background are several triangles of different sizes and orientations, some outlined in gray and others in black. In the upper right corner, there is a sparse collection of small, faint gray dots.

# NLP DISASTER TWEETS

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A binary classification problem  
By Cristina Sahoo

# PROBLEM STATEMENT

**Kaggle:** In this competition, you're challenged to *build a machine learning model that predicts which Tweets are about real disasters and which one's aren't*. You'll have access to a dataset of 10,000 tweets that were hand classified.



# WHY IS THIS IMPORTANT?

Twitter has become an important communication channel in times of emergency. The ubiquitousness of smartphones enables people to announce an emergency they're observing in real-time. Because of this, more agencies are interested in programatically monitoring Twitter (i.e. disaster relief organizations and news agencies).













































