**Information Extraction using Random Forest Algorithm of Filipino Disaster-Related Tweets**

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**Area of Interest**

Twitter is among the many forms of social media and as experienced, information and data shared through Twitter have helped individuals, institutions, and organizations (government, public, and private) during emergency response, in making decisions, conducting relief efforts, and practically mobilizing people to humanitarian causes. Therefore, the researcher proposed a system that extracts relevant information from Filipino disaster-related tweets. And to classify this tweets into a Category that may produce information that can be used during or after disaster happens.

**Methods/Algorithm**

The researcher select the Random Forest Algorithm that is identify as best performance algorithm to be used for classifying the tweets.

**Source of Data**

Disaster-related tweets.

**Goal**

The goal of the proposed system is to apply an adaptive information extraction architecture that extracts information from disaster-related Filipino tweets and displays them in an ontology.