# Twitter usage by ISIS

1. **Fifth Tribe.** (2015). Tweets[Data set CSV file]. Retrieved from <https://www.kaggle.com/kzaman/how-isis-uses-twitter> . September 13, 2016
2. **This data is distributed under a Creative Commons** [Public Domain License](https://creativecommons.org/publicdomain/zero/1.0/)<https://creativecommons.org/publicdomain/zero/1.0/>
3. Around 17,000 tweets were scanned from more than hundred pro-ISIS fanboys from all over the world since the November 2015 Paris Attacks. This is further being used to develop effective counter-messaging measures against violent extremists. The fact social media can lead us to analyze preventive measure against such acts makes it an interesting data set.
4. Government and federal agencies can be looked upon as potential data users and decision makers for this data to take preventive and control actions in times of a threat. Even hackers can be potential data users for this set who take keen interest in taking measures against violent extremists.
5. This data set can be used to answer the following questions:
   1. Which websites are pro-ISIS fanboys linking to in their tweets?
   2. Which clergy do pro-ISIS fanboys quote and hate the most?
   3. What were the most commonly used keywords by ISIS fanboys in their tweets?
   4. Who are the major and frequent users in the pro-ISIS twitter network?

# Emergency – 911 Calls

1. Montco Alert Stats**,** Montgomery County, PA. (2016). 911 [Data set CSV file]. Retrieved from <https://www.kaggle.com/mchirico/montcoalert> . September 13, 2016
2. **This** Database released under Open Database License (ODbL) v1.0 <http://opendatacommons.org/licenses/odbl/1.0/>
3. The data mentioned has list of all 911 incidents from 2015-12-10 to 2016-09-09 including the exact location and description of the incident with its cause. Such a set can be used to prevent further occurrences and to be ready for upcoming ones with intensive measures.
4. The police department of all the counties can be considered as potential users and decision makers for this data set.
5. The given 911 Emergency data set can be used to answer the following questions:
   1. What are the most frequently occurring incidents in the area under consideration?
   2. Which areas are prone to fire, criminal activities or thefts?
   3. Which incidents can be prevented and how?

# 2016 New Coder Survey

1. freeCodeCamp. (2016). 2016-FCC-New-Coders-Survey-Data [Data set CSV file]. Retrieved from <https://www.kaggle.com/freecodecamp/2016-new-coder-survey-> September 13, 2016
2. Given data set is released under Open Database License (ODbL) v1.0 at <http://opendatacommons.org/licenses/odbl/1.0/>
3. The most interesting part about this data set is that it caters to people from all streams irrespective of their career field. This study grants researchers an unprecedented glimpse into how adults are learning to code.
4. There can exist a wide range of potential data users and decision makers for this data set. It would include researchers, professors, MOOCs and even a common man who is interested to learn coding.
5. New Coders Survey data set can answer the following interesting questions:
   1. How many first time coders have landed a job and in which company?
   2. Which jobs roles are in high demand for new learners?
   3. What are the most efficient and famous ways to learn coding?
   4. How does the population density of a city affect attendance of coding events?