We have defined a general rule for Twitter bots and possible patterns of the rules. The rules of a bot rule can be based on the attributes of users, tweets or a combination of both, as in rule 3. It could consider follower relations in a Twitter network graph.

**Our Aim**

- Study Twitter API, bots and services for creating them
- Mine and analyze data from Twitter accounts.
- Discover patterns by extracting attribute values from action occurrences.
- Define rules for Twitter bots.
- Use machine learning to infer the rules governing the behavior of bot.

**Twitter Bot Rule**

1. Pattern
   - t1 : Tweet
   - u1 : User
   - screenName = “loosecowboy”
   - tweetby
   - facCount = 30

2. Pattern
   - u1 : User
   - followby
   - u2 : User
   - t1 : Tweet
   - retweet(u2, t1)
   - reply(u2, “Thanks for following”)