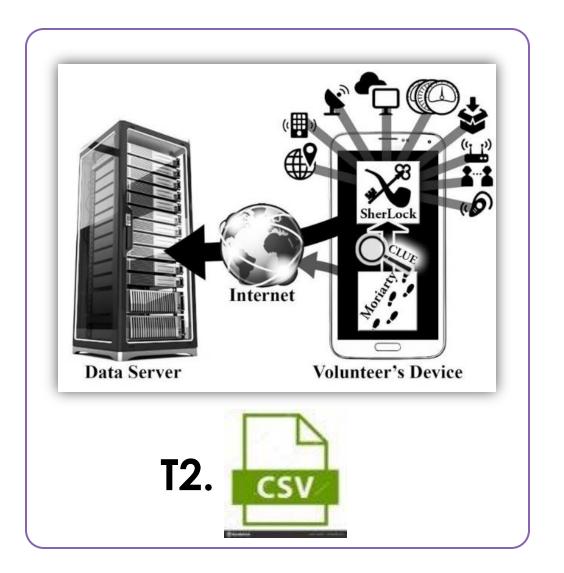
# Machine learning techniques

Alfonso Barragán Carmona

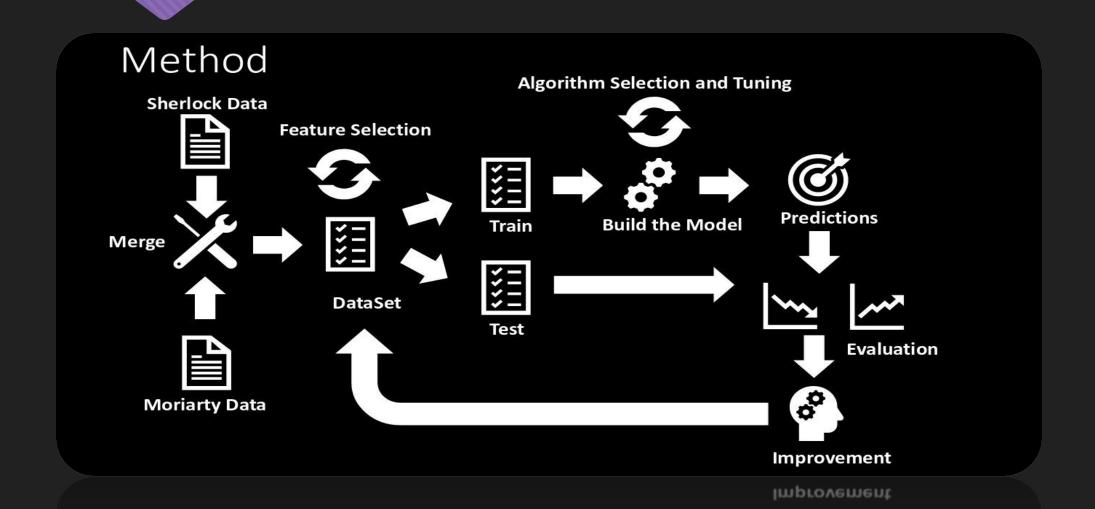
Javier Monescillo Buitrón

Roberto Plaza Romero

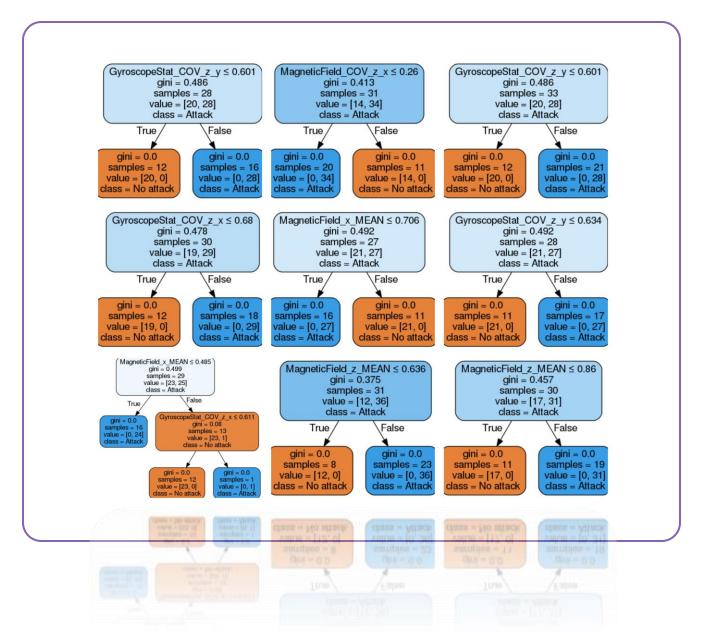
### Introduction



#### Milestone II – First approach



## Random forest



# Milestone III – Now, with only one tree

```
GyroscopeStat_COV_z_y ≤ 0.602
entropy = 0.968
samples = 48
value = [19, 29]
class = Attack
True \ False
```

entropy = 0.0 samples = 19 value = [19, 0] class = No attack entropy = 0.0 samples = 29 value = [0, 29] class = Attack

samples = 19 value = [19, 0] class = No attack

samples = 29 value = [0, 29] class = Attack Milestone
III – Now,
seriously.



#### **Future work**

