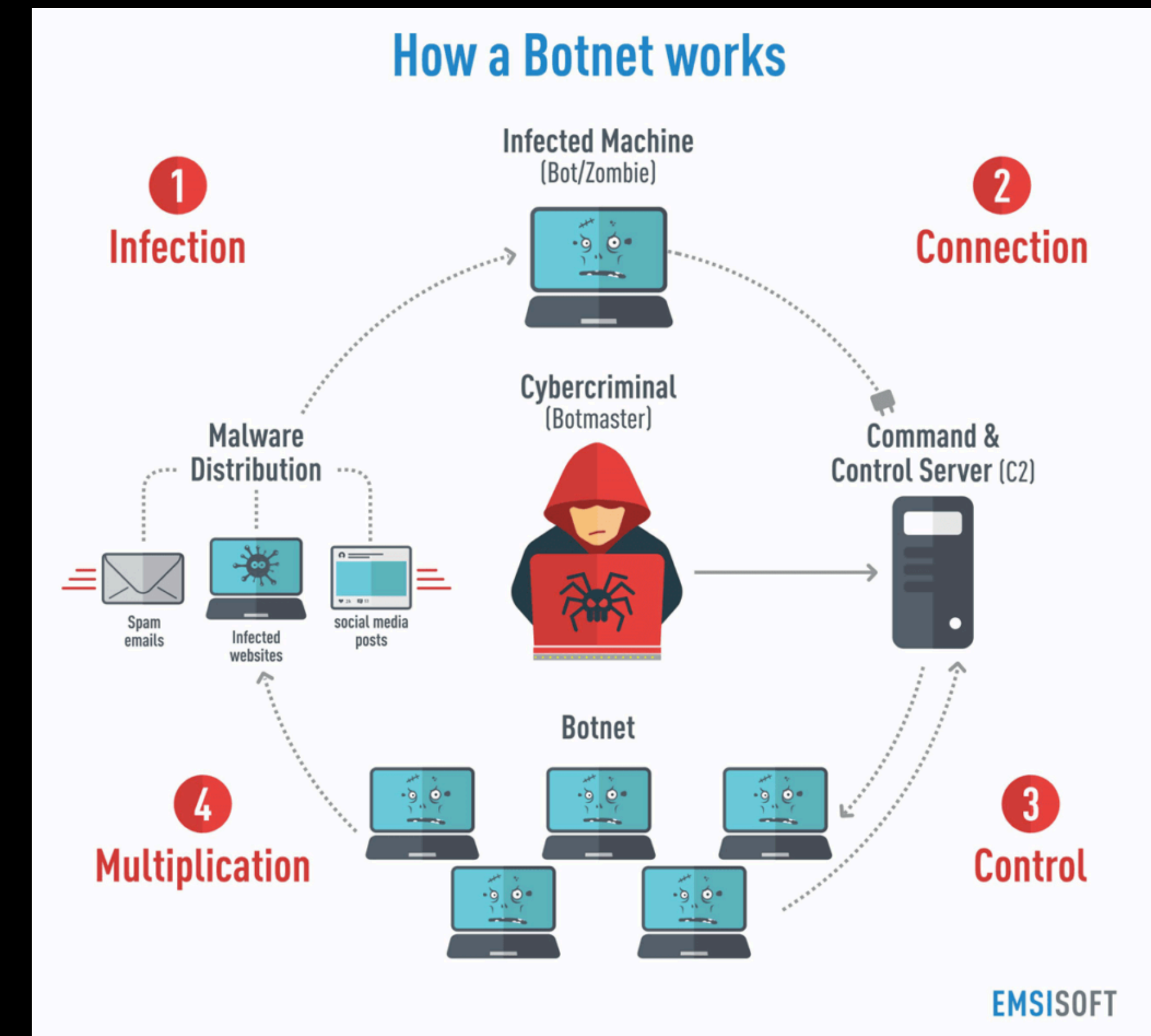


Catch Me If You Can

cross-road of cybersecurity+nlp



Exploring DGA Domains

Dataset includes 50 classes of DGAs and generated domains

Examples of DGA Domains

- ruxukj[.]moo[.]com
- lkjion[.]org
- instagram[.]com
- lookwhere[.]org
- iuqerfsodp0ifjaposdfjhgosurijfaewr
wergwea[.]com

Research Phases:

1. Building a DGA Domain Classifier
 - CNN + BiLSTM
2. Generate new/hybrid variants of DGA Domains*
 - Natural Language Generation via GANs