

bayes

Sensitivity and specificity

https://en.wikipedia.org/wiki/Sensitivity_and_specificity

Qsf – a small fast accurate spam filter

<https://acampbell.uk/wp/2019/04/11/a-small-fast-accurate-spam-filter/>

Quick Spam Filter

<http://www.ivarch.com/programs/qsfl/>

spam-filter

<https://github.com/topics/spam-filter>

heuristics

Artificial intelligence

https://en.wikipedia.org/wiki/Artificial_intelligence

Machine learning

https://en.wikipedia.org/wiki/Machine_learning

Training dataset

https://en.wikipedia.org/wiki/Training,_validation,_and_test_sets#Training_dataset

Deep learning

https://en.wikipedia.org/wiki/Deep_learning

Artificial neural network

https://en.wikipedia.org/wiki/Artificial_neural_network

Neural Networks

<https://www.ibm.com/cloud/learn/neural-networks>

Basic Concepts of Neural Network

<http://sciencious.com/basic-concepts-of-neural-network/>

Neural Network

<https://www.investopedia.com/terms/n/neuralnetwork.asp>

Simple Neural Network from Scratch

<https://medium.com/swlh/simple-neural-network-from-scratch-130b175eb1e6> -> LAB

Artificial neural network model to predict transport parameters of reactive solutes from basic soil properties☆

<https://www.sciencedirect.com/science/article/abs/pii/S0269749119312631>

Exploring Weight Agnostic Neural Networks

<https://ai.googleblog.com/2019/08/exploring-weight-agnostic-neural.html>

products

counterflow-ai / dragonfly-mle

<https://github.com/counterflow-ai/dragonfly-mle>

research

ANDREW FAST

<https://resources.sei.cmu.edu/library/author.cfm?authorid=512133>

ERIC LEBLOND

<https://resources.sei.cmu.edu/library/author.cfm?authorid=449885>

Using Triangulation to Evaluate Machine Learning Models

<https://resources.sei.cmu.edu/library/asset-view.cfm?assetid=539582>

Improving quality control by early prediction of manufacturing outcomes
<https://dl.acm.org/doi/10.1145/2487575.2488192> -> Baseman et al. SIGKDD Workshop 2016

Prediction of wind pressure coefficients on building surfaces using Artificial Neural Networks
https://www.researchgate.net/figure/Artificial-neural-network-architecture-ANN-i-h-1-h-2-h-n-o_fig1_321259051

honey

Honeypot
<https://www.honeynet.org/category/honeypot/>

Chapter 5 - Honeypotting
<https://www.sciencedirect.com/science/article/pii/B9781597493055000050>

honey products

LaBrea: “Sticky” Honeypot and IDS
<http://labrea.sourceforge.net/labrea-info.html>

Best Honeypots for Detecting Network Threats
<https://securitytrails.com/blog/top-20-honeypots>

Open Source Honeypots That Detect Threats For Free
<https://www.smokescreen.io/practical-honeypots-a-list-of-open-source-deception-tools-that-detect-threats-for-free>

Open Source Honeypots: Learning with Honeyd
<https://community.broadcom.com/symantecenterprise/communities/community-home/librarydocuments/viewdocument?DocumentKey=92ad63dd-a90f-4375-9015-ca74b19d1faa>

Honeyd: The open source honeypot
<https://www.infoworld.com/article/2624595/honeyd--the-open-source-honeypot.html>

OWASP Honeypot
<https://owasp.org/www-project-honeypot/>

OWASP Honeypot: open source software for creating honeypot and honeynet
<https://securityonline.info/owasp-honeypot/>

hardinfra

5 Tools to Scan a Linux Server for Malware and Rootkits
<https://www.tecmint.com/scan-linux-for-malware-and-rootkits/>

staffan / unblacklist
<https://git.shangtai.net/staffan/unblacklist>

ids

Network intrusion detection system
<https://patents.google.com/patent/US20100251370A1/en>

Using decoys by a data loss prevention system to protect against unscripted activity
<https://patents.google.com/patent/US8549643B1/en>

things to assist in packet analysis
<https://github.com/noahdavids/packet-analysis/blob/master/README.md>

Taxonomy and Survey of Collaborative Intrusion Detection
<https://dl.acm.org/doi/10.1145/2716260>

Snort 2 DCE/RPC Preprocessor Buffer Overflow

https://www.rapid7.com/db/modules/exploit/multi/ids/snort_dce_rpc

community rules

Snort Rule for the Bluekeep Module in Metasploit

<https://medium.com/@alexandrevvo/snort-rule-for-the-bluekeep-module-in-metasploit-17613066915d>

span / port-mirror

RSPAN and 2950 switches

<https://community.cisco.com/t5/other-network-architecture/rspan-and-2950-switches/td-p/353667>

Configuring Local SPAN, RSPAN, and ERSPAN

<https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst6500/ios/12-2SX/configuration/guide/book/span.pdf>

Configuring SPAN and RSPAN

https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst2960/software/release/12-2_40_se/configuration/guide/scg/swspan.pdf

Understanding SPAN,RSPAN,and ERSPAN

<https://community.cisco.com/t5/networking-documents/understanding-span-rspan-and-erspan/ta-p/3144951>

Configuring Local SPAN, RSPAN, and ERSPAN

<https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst6500/ios/12-2SX/configuration/guide/book/span.pdf>

videos

USENIX Enigma 2016 - The Golden Age of Bulk Surveillance

<https://www.youtube.com/watch?v=zqnKdGnzoh0>

USENIX Enigma 2017 — StreamAlert: A Serverless, Real-time Intrusion Detection Engine

https://www.youtube.com/watch?v=QVtzMy_tNcQ

USENIX Enigma 2018 - Some Thoughts on Deep Learning and Infosec

https://www.youtube.com/watch?v=i76E6tvey_M

USENIX Enigma 2017 — Classifiers under Attack

<https://www.youtube.com/watch?v=XYJamxDROOs>